

SB 433

H5







SB 433  
.H5  
Copy 1

HENDERSON

# Everything for the Lawn

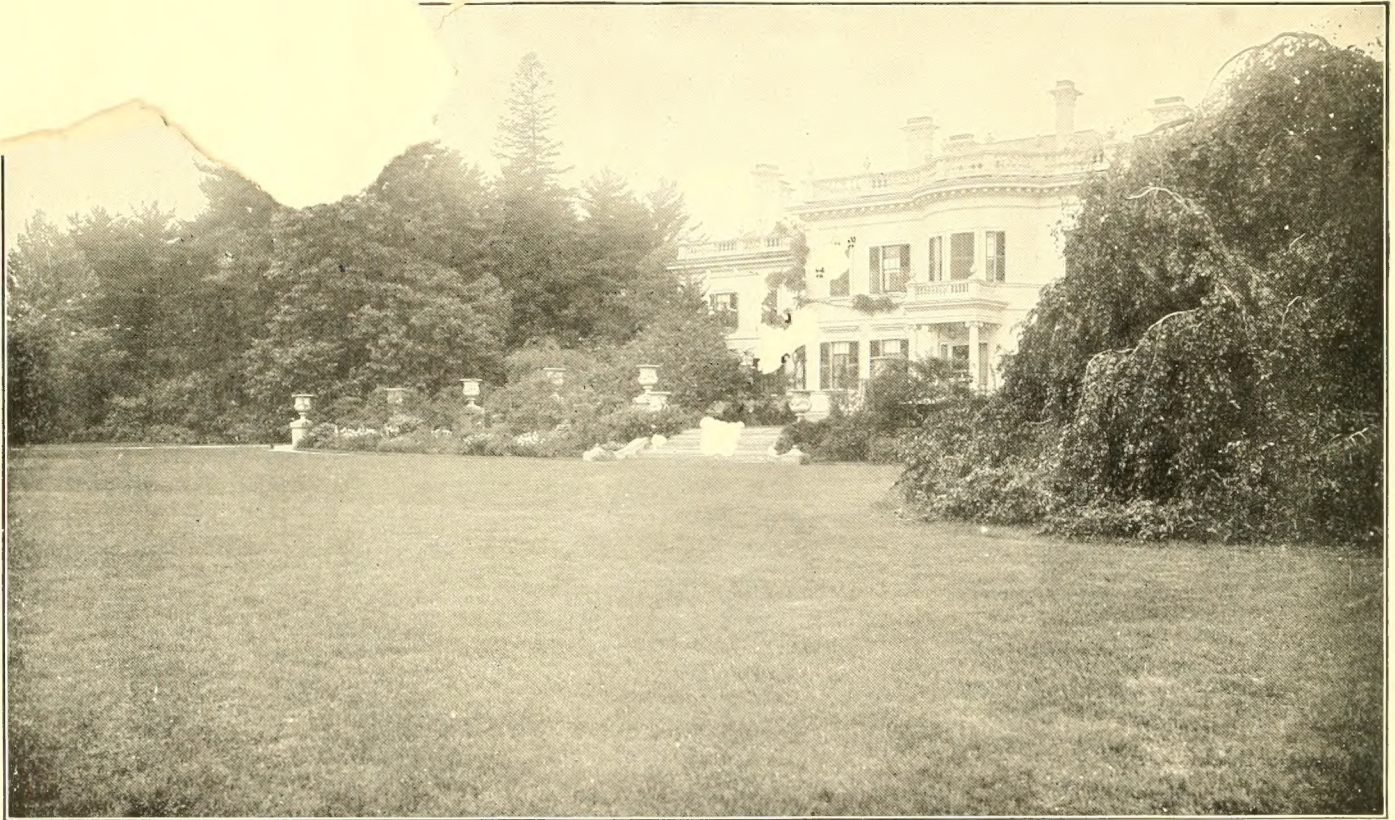
AND LAWN FORMATION AND CARE



*Peter Henderson & Co.*  
35 & 37 CORTLANDT ST. NEW YORK.

1912





## LAWNS: Their Formation and Care.

**T**HERE is nothing more charming than a well-designed house surrounded by artistically treated grounds; and of the essential features of home grounds none is so important as a beautiful lawn—the rich, velvety turf of the smooth, well-kept lawn, varying in tones of green with the play of sunlight and cloud shadows, being the heart and life of all.

“The Tropics may have their delights, but they have not the turf, and the world without turf is a dreary desert. The Teutonic races all love turf; they emigrate in the line of its growth.”—CHARLES DUDLEY WARNER.

A lawn may be formed either by laying turf or by sowing seed. The gain in time by sodding is mostly in anticipation, an advantage so slight as to scarcely be worthy of consideration, while the results obtained by both methods are not to be compared. Sods, no matter how carefully cut and closely laid, often separate, leaving crevices about which the grass dies out in dry weather; then the grasses that compose a pasture or roadside sod (generally the kind used for “sodding” lawns) are not at all the best sorts for forming a perfect lawn; besides the smooth, elegant surface, such a desirable feature of a lawn, cannot be secured by sodding.

A perfect and enduring lawn, one of luxuriant richness with closely interwoven, firm, deep and elastic turf, is only created by sowing a composition of the various kinds of grass seeds suited to the conditions and the climate. Several varieties are needed, that the lawn may be verdure-clad during all seasons and the seeds must be sown liberally (at the rate of from four to six bushels per acre), not only that a lawn may be produced quickly, but because the kinds of grasses suitable for perfect lawns are fine-leaved and should take entire possession of the ground promptly, thus checking the development of weeds, the seeds of which are in all soils. The coarse pasture and hummock-forming grasses will not produce a fine lawn. Good, rich, deeply worked soil, either of a friable texture or else under drained, is as necessary for the production of a perfect lawn as for garden crops, although most grasses, being accommodating plants, if they do not get the requisites for best results, will do their best with what is supplied them. Early and frequent mowing and rolling, as well as the liberal application of water through a lawn sprinkler during dry seasons, is one of the secrets of maintaining beautiful green turf from snow to snow.

**GRADING** We not infrequently see, after a dwelling costing five, ten, twenty or thirty thousand dollars is erected, that the grounds surrounding it are left to the tender mercy of some ignorant pretender to grade and put in shape. The educated, intelligent architect's duties in many cases end with the completion of the building, and the “garden architect” is installed to grade for the lawn; and a common consequence is that the beauty of the place may be forever marred, for this matter really in many cases requires as much intelligence and good judgment as the construction of the dwelling itself. One of the first conditions for a perfect lawn is that the land be perfectly drained, either naturally or artificially; if the subsoil is sand or gravel, so that water can quickly pass through it, then there will be no need for artificial drains, but if there is a stratum of adhesive clay for a subsoil, then drains are indispensable every fifteen or twenty feet. As the formation of the lawn is the foundation of all subsequent operations, it is imperative that it be carefully done; for if badly done at first it cannot be changed or altered, unless to the great detriment of trees or shrubs that have been planted or flower beds or walks that have been laid out.

The first thing to be done is to get the ground shaped to the desired grade, taking care in grading that when hills or rocks are removed, sufficient subsoil is also removed to be replaced with top soil, so that at least five inches of good soil will overlay the whole in all places; and where trees are to be planted there should be twice that depth of good soil. When the grading is finished, if the nature of the ground requires it, drains should be laid wherever necessary; then the whole should be thoroughly plowed, a subsoil following in the wake of the common plow, until it is completely pulverized. A heavy harrow should then be applied until the surface is thoroughly fined down; all stones, roots, etc., should be removed, so that a smooth surface may be obtained. We have used, with great effect and saving of labor, the “Disc Smoothing Harrow,” which fines and levels the land equal to a steel rake; and where ever large areas are in preparation for lawns or in fact for field culture requiring a fine smooth surface, this implement is found to be of great value.



**SEEDING.** When the seed is sown a light harrow should be again applied, so as to sink the seed one inch or so in the soil, and after that a thorough rolling given, so that the surface is made as smooth and firm as possible. In the latitude of New York the seed may be sown any time from April to October. If the preparation has been good and the weather is not very dry and unfavorable, a good lawn will be in evidence in 8 or 10 weeks' time. Under very congenial conditions, new lawns are frequently ready for mowing in 6 weeks from sowing. If sown in the hot months of June and July, a sprinkling of oats should be sown at the same time, so that the shade given by the oats will protect the young grass from the sun. Lawns are very often sown during the early Fall months (September being the best) with excellent results. On lime soils Kentucky Blue Grass is sometimes used alone, but for a firm, carpet-like lawn the "Henderson" Lawn Mixture is preferable, as it contains some grasses which give quick results, and form a good turf the same year as sown, while a satisfactory turf cannot be established by using Kentucky Blue Grass alone under two or three years. For small plots, of course, digging, trenching and raking must be done instead of plowing, subsoiling and harrowing, and the surface after sowing should be patted down with the back of a spade or rolled with a roller.

**QUANTITY OF SEED REQUIRED.** As a guide for the proper quantity of seed required to form a perfect lawn, we may state that one quart of Lawn Grass Mixture is sufficient to thoroughly sow an area 20 feet by 15 feet—300 square feet—or to cover an acre five bushels will be required. It should be borne in mind that, in order to produce the best results, grass seed for lawns should be sown at least twice as thick as if sown for hay. In fact, if very rapid results are wanted, a lawn will be much quicker obtained by using one-third more seed per acre—in a lawn of about an acre in extent, which we made, six bushels of the "Henderson" Mixture were sown on the 25th of April, harrowed well in, then rolled firmly with a heavy iron roller—the result was that by July 1st, or about sixty days from the date of sowing, a perfect lawn was obtained, having had to be twice mowed over by machine previous to that date.

**TERRACES AND SLOPES.** On sloping banks it is often necessary to use sod, as the rains wash the soil off before the grass seed has time to germinate. It is sometimes even necessary, in sodding very steep banks, to use pins eight or ten inches in length to pin the sods in place, to prevent them from being washed down by excessive rains before the grass roots have had time to fasten in the soil. In small yards sodding is often done so as to get immediate results; but in all such cases great care should be taken to see that the sods used are of the proper, quality otherwise it is much better to wait a few weeks for the lawn seed to produce the lawn. The "Terrace Sod" mixture which we offer is composed of deep-rooting grasses, which, if once established, will hold the soil and prevent washing, and we advise liberal fertilizing and seeding so that the grasses may be quickly established.

**SHADY LAWNS.** When a lawn is much shaded, either in whole or in part, the shaded portions should be sown with the "Shady Nook" Lawn Grass Mixture, which is a combination of fine dwarf-growing evergreen varieties, which in their wild or natural state are to be found growing in the woods or other sheltered or shady spots. Under or in the immediate neighborhood of large trees fertilizers should be applied liberally and frequently, for the trees absorb the fertilizer and impoverish the ground. Ground much shaded is very frequently sour, and if the drainage is defective it is apt to be covered with moss. In such cases an application of lime raked into the soil is an excellent corrector and sweetener, but the moss should be first removed by means of a sharp rake.

**FERTILIZING.** The question of fertilizers for the lawn is an important one. If the soil is naturally a deep, rich loam, it is not indispensable that manure at all be used the first season of sowing, although in every case it would be an advantage, and is really essential if the soil is poor or light. Perhaps the best way to apply *well-rotted* stable manure is to spread it thick enough to cover the ground after plowing or digging, and then harrow or rake it in; though a little more costly, the best plan to insure permanency for the lawn is to use from 1,500 to 2,000 lbs. per acre of coarse ground bone (or better still, about half the above quantity of bone and the other half of Henderson's Lawn Enricher), or in that proportion over lesser

areas, the bone decomposes slowly, giving lasting enrichment; while the Lawn Enricher gives immediate results, the combination of these two fertilizers is lasting in effect, insuring a "velvet lawn," under ordinary circumstances, for four or six years without further application of manure.

When the land has not been fertilized before sowing, it is necessary to use some top-dressing of manure each season to keep up the fertility of the lawn, and nothing is better for this purpose than to spread over it late in the fall (November or December) *well-rotted* short stable manure enough to partially cover the surface. On no account should *fresh* stable manure be used, or the lawn will be very apt to be ruined by the introduction of weed seeds. This should be allowed to remain on until such time as the grass shows signs of starting in the Spring, when the rough portion should be raked off and a heavy roller applied, so that the surface of the lawn be rendered smooth and firm for the mower. If the top-dressing of *well-rotted* stable manure has been omitted in the Fall, fine bone dust mixed with finely sifted wood ashes, in equal parts, may be sown on the lawn about as thick as sand is usually strewn on the floor, and rolled down, and we advise that the lawn be rolled several times during the Spring.

**STIMULATING.** Where very quick results are required, or in case a lawn is becoming bare or patchy in spots, caused by wear and tear or otherwise, the grasses may be forced into a quick growth by applying nitrate of soda at the rate of 200 lbs. per acre. If put on in the dry state it should be applied just before a shower, otherwise it is apt to burn the grasses; but the safer plan is to dissolve one pound of the nitrate in thirty to forty gallons of water and sprinkle with the solution.

**MOWING** should be begun in Spring as soon as the grass is two or three inches high, and continue every seven or eight days until the cessation of growth in Fall. If the lawn is gone over with the mower once a week, the clippings are best left on, as the sun quickly shrivels them up, so that they never appear unsightly; but if mowing is delayed two or three weeks, then the grass must be raked off.

It sometimes happens that the soil contains seeds of perennial weeds; and such seeds are rarely found in the grass seed, such as dandelion, dock or thistles, which seriously interfere with the beauty of the lawn. When this occurs, there is no other remedy than the slow process of cutting them out with the knife or spud. Crab grass, known also as five-finger grass and summer grass, is one of the commonest pests to contend with, and is especially troublesome in dry seasons. It is, however, only an annual coming up from seed each year. A mowing machine will not cut off all the seed stems, for some grow along the ground and bend before the mowing machine, and the best plan is to loosen it up with a rake and use the scythe a few times, cutting both ways so as to get all of the seeding stems. Lawn grass seed should be sown thickly on these spots and the lawn heavily fertilized in Spring. The crab grass seed does not usually germinate until warm weather, and if there is a good healthy turf at that time the seed is less likely to germinate. We therefore advise, so as to induce a good healthy growth, that when cutting the grass during May, the lawn mower be set high so that the grass will not be cut too short.

**ROLLING.** The benefit derived from using a roller on the lawn, especially in the Spring, is not fully understood. The action of freezing and thawing causes the ground to heave, and if it is not firmly pressed back with a roller before hot weather, the grass is apt to be killed or injured, leaving the lawn full of bare spots. For use on the lawn always take a "two or three section" roller, as they can be turned without injuring the grass. A 300-lb. roller is about as heavy as one man can pull, though a 400-lb. will be better if you have two persons to operate it.

**RENOVATING.** To renovate lawns that have become worn out by neglect or other causes, and where it is not convenient or desirable to renew by plowing up, they may be greatly benefited by running a light harrow over, if the surface is large, or by a sharp steel rake for smaller areas. After stirring the surface by such means judiciously, so as not to hurt too severely the roots, lawn grass should be sown over the surface, harrowing or raking in about half the quantity advised for new lawns. After sowing, the surface should be harrowed or raked over, and firmly rolled or beaten down, but if spurious grass or other weeds have got possession of the lawn, then this way of renovation would not be satisfactory, and it had better be plowed under and sown fresh in the manner already given for the formation of the lawn.

PETER HENDERSON & CO. have made the formation of perfect and permanent Lawns a study for years, and the most beautiful Lawns in America were formed by following our advice, which we give free on receipt of details and conditions.





## THE "HENDERSON" LAWN GRASS SEED.

IT IS USED AND PRAISED BY THOUSANDS FROM MAINE TO CALIFORNIA.

Gold Medals and Golden Opinions Attest its Superiority both for Forming New Lawns and Renewing Old Lawns.

FOUR WEEKS FROM SOWING—READY FOR MOWING.

It Produces a Perfect and Permanent Sward of Luxuriant Richness

THERE is nothing more attractive than a well-designed house surrounded by artistically treated grounds; and of the essential features of home grounds none is so important as a beautiful lawn—the rich, green, velvety turf being the heart and life of all.

A lawn may be formed by laying turf or by sowing seed. The gain in time by sodding is so slight as to scarcely be worthy of consideration, while the results obtained by both methods are not to be compared. Sodds in dry weather leave crevices about which the Grass dies out; then the Grasses that compose a pasture or roadside sod (generally the kind used for "sodding" lawns) are not at all the best sorts for forming a perfect lawn, and will not give a smooth, elegant surface.

The "Henderson" Lawn Grass Seed produces a perfect and enduring lawn of luxuriant richness, with closely interwoven, firm, deep and elastic turf, and it is often ready for cutting in four weeks from time of sowing. This celebrated Lawn Grass is composed of a thoroughly balanced combination of various native and foreign fine-leaved, deep-rooting Grasses of interweaving habit, that flourish under our varied conditions, soils and climates, growing during different seasons of the year, so that a deep green, smooth, and velvety sward, free from clumps, is maintained from snow to snow, year after year, and without burning brown in summer, its constant luxuriance rivaling the famous lawns of Old England.

The Beautiful Lawns at the Pan-American Exposition, Buffalo, also at the World's Fair in Chicago, the Lewis and Clark Exposition in Portland, Oregon, and the Jamestown Exposition, Norfolk, Va., were produced in less than six weeks' time with THE "HENDERSON" LAWN GRASS SEED, which was awarded the highest medal at these Expositions; but what we prize more than gold medals are the hundreds of letters of praise we have on file from the users of THE "HENDERSON" LAWN GRASS SEED in almost every State in the Union. (See pages 4 and 5).

Regarding Kentucky Blue Grass, so widely advertised as an ideal lawn Grass, it has merits and demerits. Where Blue Grass thrives it eventually makes a good lawn, but it is slow to thicken up, requiring not less than two years to form a good sward, and does not hold its color in hot weather; it will not thrive on acid soils, and a large proportion of the soils in our lower altitudes, especially in the Coast States, are inclined to acidity. Kentucky Blue Grass is used for lawns on limestone soils, but the results of this or any one Grass in no way compare with the beauty and fine velvety texture of lawns made with an intelligently blended mixture of Grasses of neat, close, interweaving growth, such as compose the "Henderson" Lawn Grass mixture; and besides, the latter will make a thick, close turf in a few weeks' time.

The "Henderson" Lawn Grass Seed is, relatively speaking, the cheapest seed offered, because, while other lawn Grass mixtures on the market will not average over 14 lbs. to the bushel, this, being freed from chaff, weighs 20 lbs. per measured bushel. It is also the PUREST, CLEANEST AND HEAVIEST lawn Grass seed ever offered and it is absolutely free from weed seeds.

We have made the formation and renovation of lawns a study for years, and thousands of the finest lawns and grass plots in America were obtained by using the "HENDERSON" LAWN GRASS SEED and following our instructions.

 The Henderson Lawn Grass Seed is DELIVERED FREE in the U. S.—by Mail, Express or Freight, at our option.  
For Prices See the Opposite Page.



THE MOST BEAUTIFUL LAWNS IN AMERICA  
ARE MADE WITH THE

# "HENDERSON" LAWN GRASS SEED

**FOUR WEEKS  
FROM SOWING  
IT IS READY  
FOR MOWING  
PRODUCING  
PERMANENTLY  
LUXURIANT  
LAWNS  
AND  
GRASS PLOTS**

SEE PAGES 4 AND 5

**GOLD MEDALS  
AND  
GOLDEN OPINIONS  
ATTEST ITS  
SUPERIORITY  
BOTH FOR  
FORMING  
NEW LAWNS  
AND  
RENEWING  
OLD LAWNS**

SEE PAGES 4 AND 5



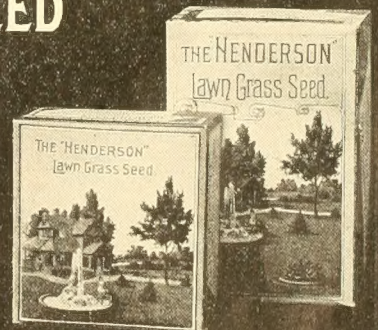
## PRICE OF THE "HENDERSON" LAWN GRASS SEED

**DELIVERED FREE IN THE U.S.**

(By Mail, Express or Freight, at our option.)

30c. per qt., \$1.00 for 4 qts., \$1.75 per peck  
\$6.00 per bushel of 20 pounds.

The quantity required for new lawns is 5 bushels per acre. For a plot 15x20, or 300 square feet, use 1 quart. For renovating old lawns, use one-fourth to one-half of above quantities.



**FULL INSTRUCTIONS IN EVERY BAG AND PACKAGE**

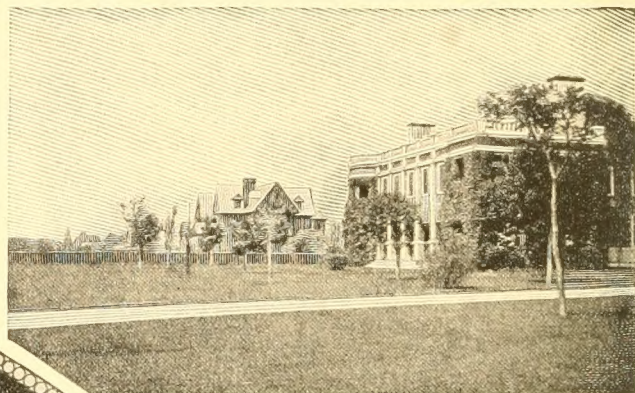


THE MOST BEAUTIFUL  
**LAWNS**  
IN  
**AMERICA**  
ARE MADE WITH THE

## OUR HIGH SCHOOL LAWN THE TALK OF THE TOWN.

"We ordered your 'Henderson' Lawn Grass Seed last year for the High School Lawn—and this lawn was the talk of the town all last summer. Five weeks from sowing we mowed it for the first time. I am ordering 3½ bushels now for our East Ward School Lawn."

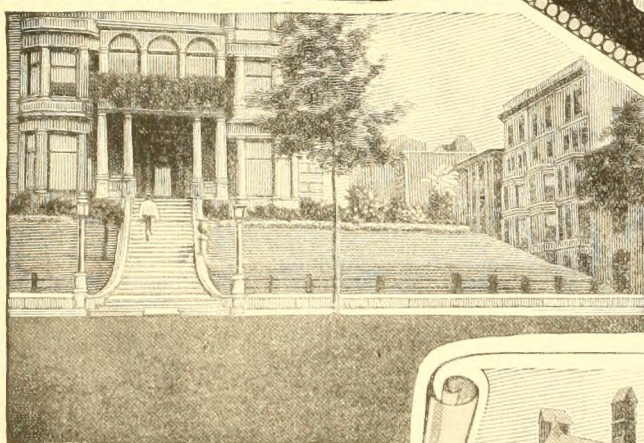
C. W. TAYLOR,  
(Supt. City Schools),  
McCook, Neb.



## A PERFECT STAND IN THREE WEEKS.

"The 'Henderson' Lawn Grass Seed from you made a perfect stand in 3 weeks from seeding and is the wonder of the neighbors."

JAMES W. BODLEY,  
Staunton, Va.



## THE BEST LAWNS HERE.

"The best lawns here at the National Soldiers Home were produced with your 'Henderson' Lawn Grass Seed."

PAUL P. MAILLARD,  
(Chief Gardener),  
Nat'l Soldiers Home, Maine.

## ADMIRER BY ALL WHO SEE IT.

"We have a beautiful lawn from sowing your Henderson Lawn Grass Seed; it is greatly admired by all who see it, and is quite an advertisement for you, for several are going to order seed."

Miss M. M. BEADEN,  
Uniontown, Ky.

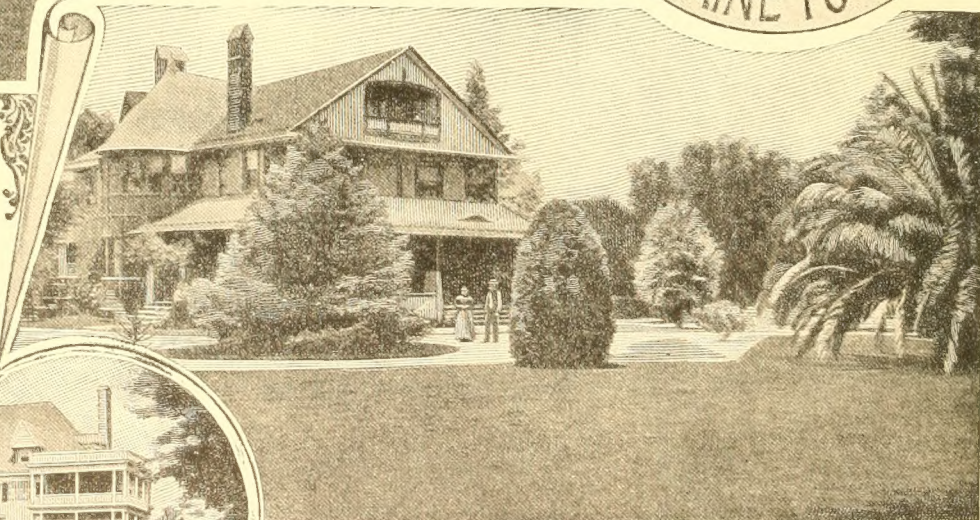
**HENDERSON**  
LAWN GRASS SEED

ENTHUSIASTICALLY  
**PRAISED**  
BY  
**THOUSANDS**  
FROM MAINE TO CALIFORNIA

## A BEAUTIFUL THICK TURF IN THREE WEEKS.

"I am pleased to state that within three weeks from the time of sowing your 'Henderson' Lawn Grass Seed, my lawn presents a beautiful thick turf in marked contrast to the Blue Grass sown by my neighbor. As stated in your Catalogue, Blue Grass will not grow in our acid soil near the coast; but your Lawn Grass Seed seems just the thing."

Mr. JOHN C. NORTH,  
Los Angeles, Cal.



## ALL THE MEMBERS OF OUR LODGE PRAISE IT.

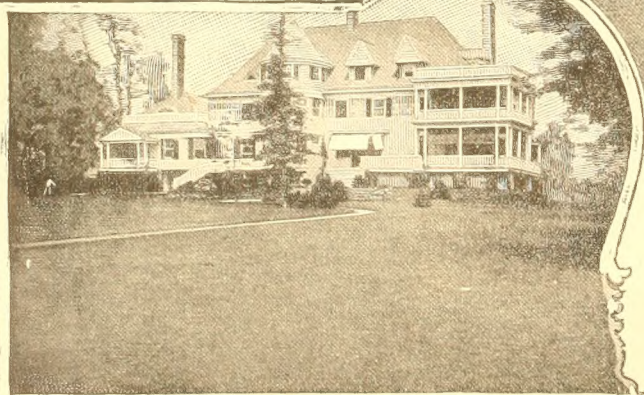
"Best Lawn Seed I ever sowed; have the finest lawn on the street, not barring that in our great city park, which faces our Club House. All the members of our lodge praise it."

G. T. RYAN,  
(Steward Elk Club), Pittsburg, Pa.

## A MIRACLE IN LAWN-MAKING.

"A miracle in lawn-making. The seed you sent me produced a lawn in less than six weeks that is the admiration and wonder of all. To the oft repeated question 'How did you do it?' The 'Henderson' Lawn Seed I reply—and I heartily recommend it."

Dr. J. V. N. STANDISH,  
(President Park Commission) Galesburg, Ill.





# Gold Medals and Golden Opinions

## Attest the Superiority of The "Henderson" Lawn Grass Seed.

### IN SIX WEEKS A LAWN IMITATING OLD SOD.

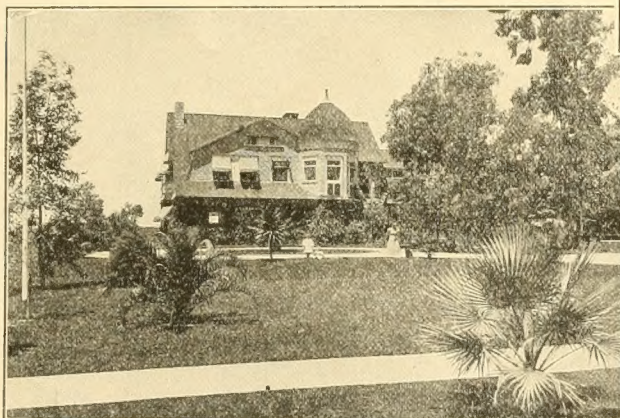
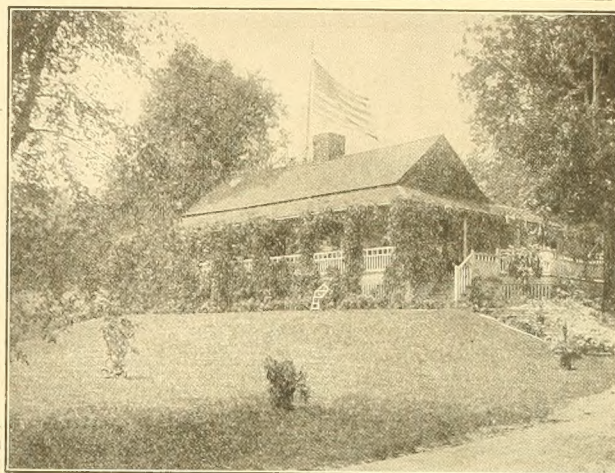
"Six weeks after sowing your Lawn Grass Seed, I have a lawn well imitating an old established sod. My neighbors, never having seen anything like it before, term it a 'miracle.' Those who seeded with other seed about the same time have but a few patches of infant grass coming up here and there. Thanking you and your seed for giving me this keen satisfaction, I am, etc."

FRANCIS W. BRADY, Flatbush, N. Y.

### OUR LAWNS ARE A PERPETUAL JOY.

"The lawns we have made with your 'Henderson' Lawn Grass Seed, are a perpetual joy."

Mrs. ELLEN R. BAIRD,  
American Mission,  
Samoko, Bulgaria.



### THIRTY DAYS FROM SOWING—READY FOR MOWING.

"The lawn made from your 'Henderson' Lawn Grass Seed has been pronounced 'perfect'. Mowed a heavy crop on the 30th day from sowing and have mowed it every week since. It is a standing advertisement for your seed."

Rev. C. W. CORTRIGHT, East Oakland, Cal.

### KEEPS GREEN WHEN NEIGHBORING LAWNS ARE BROWN.

"I wish to say that your Lawn Grass Seed will do all you claim for it. My lawn keeping green when my neighbors lawns were burned and brown with the drought. Now they are taking my advice and re-seeding with the 'Henderson'."

WILLIAM BURCH, Cortlandt, N. Y.

### THE ADMIRATION OF THE CITY.

"I must tell you about my lawn from your 'Henderson' Lawn Grass Seed. It has grown beautifully and is very thick, just like an old lawn, though sown only nine weeks ago. It is the admiration of the city."

JAS. L. MURPHY, Hagerstown, Md.

### EVERYBODY IS WONDERING.

"Everybody is wondering how we grew such a nice lawn on such very poor ground and in such a short time. We simply say: 'Henderson Lawn Grass Seed and followed directions in the bag'."

P. G. HICKS,  
Keene, N. H.

### IT SURPRISED MYSELF AND NEIGHBORS.

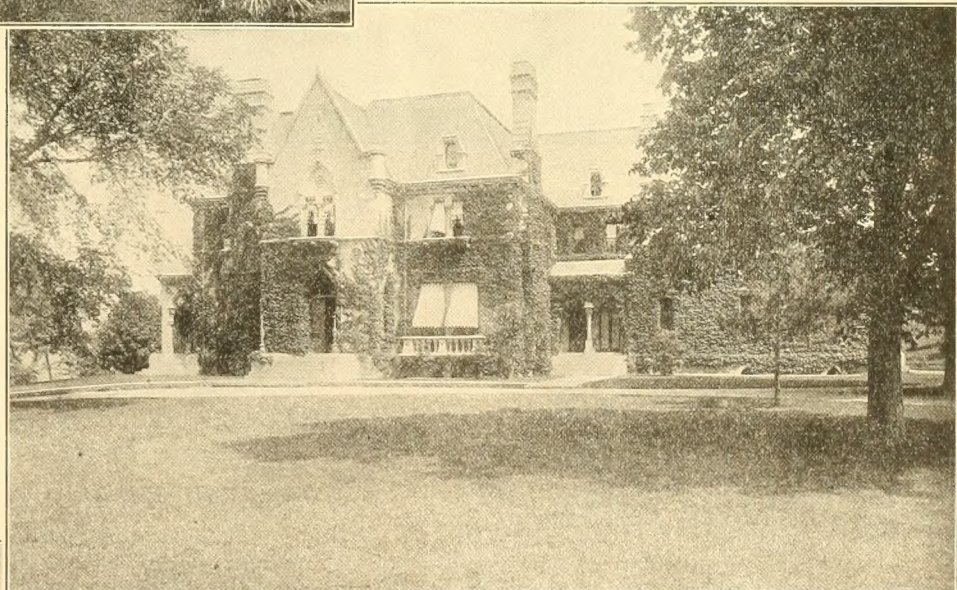
"You cannot say too much in praise of your 'Henderson' Lawn Grass Seed. It has surprised myself and my neighbors in producing a beautiful lawn on very poor and sandy ground."

C. L. BROWN,  
Providence, R. I.

### THE FINEST LAWN EVER SEEN.

"This year under the most adverse conditions we secured one of the finest lawns from your seed that I have ever seen with absolutely no water or coddling whatever. This speaks well for the vitality of your seed and its ability to make growth."

MT. HERMON SCHOOL,  
Mt. Hermon, Mass.



### THE BEST LAWN IN TOWN.

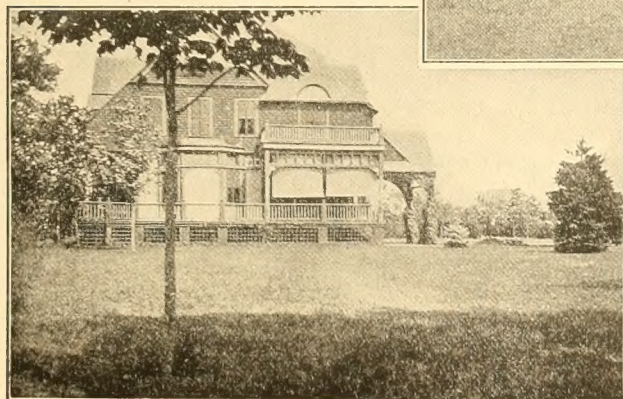
"With your 'Henderson' Grass Seed and advice, I have the best lawn in town. Sown April 28th, cut May 23d. The seed is certainly all you represent."

JOHN B. RICH,  
8 Johnson St., Providence, Mass.

### THE SUCCESS HAS BEEN A SURPRISE.

"The success I have had with your 'Henderson' Lawn Grass, has been a surprise to me and to all who have seen my lawn. The seed was sown on March 19th, and the grass was ready to cut, May 1st, in exactly 43 days."

B. R. WHITNEY,  
Kansas City, Mo.



For Full Description of the "Henderson" Lawn Grass Seed see page 2.

Price of the "Henderson" Lawn Grass Seed, delivered free in the U. S. (by mail, express or freight, at our option), 30c. per qt., \$1.00 for 4 qts., \$1.75 per pk., \$6.00 per bush. of 20 lbs.





**HENDERSON'S  
"SHADY NOOK"  
LAWN GRASS SEED**

**CUSTOMER'S EXPERIENCES WITH  
HENDERSON'S "SHADY NOOK"  
LAWN GRASS SEED.**

**Ready for the Mower in Six Weeks.**

"The enclosed photograph shows Henderson's 'Shady Nook' grass growing luxuriantly on our densely shaded lawn. It was ready for the mower on June 10th, just six weeks after sowing."

REUBEN HARMAN,

Gardener to W. Campbell Clark, Esq.

The Oaks, Elberon, N. J.

**Flourishes Under Great Elms.**

"The Vestry has authorized me to order as enclosed, finding nothing but your 'Shady Nook' grass grows under our great elms."

Rev. C. B. PERRY, D.D.,  
Cambridge, N. Y.

**Heavily Shaded, but Covered with Grass.**

"Every one is surprised at the success of your 'Shady Nook' Grass Seed from the fact that our lawn—heavily shaded with large old horse chestnut trees—has now been covered with grass."

S. R. P. SMITH,

18 South Lafayette St., Grand Rapids, Mich.

**Nicest Turf One Could Wish.**

"Your 'Shady Nook' grass seed has made the bare places under the apple trees in my back lawn, the nicest turf that one could wish."

**An Expert's Experience.**

"We are all pleased very well with your 'Shady Nook' seed. We have been enabled by the use of this mixture to get a good sod underneath large trees."

PETER BISSETT,  
Gardener to Mrs. Gardiner G. Hubbard,  
"Twin Oaks," Washington, D. C.

**Covered Bare Spots in Midsummer.**

"On July 15 we seeded many bare spots under the large trees with your 'Shady Nook' Grass Seed. Now in 35 days of midsummer the spots are closely covered with beautiful green grass, greatly admired by all."

D. E. HOWETT,  
Forest Hill, Cleveland, Ohio.

**Justifies its Name.**

"Last year you furnished a bushel of 'Shady Nook' Grass Seed, which did unusually well in our yard, where we have many oaks and sugar maples."

Mrs. WM. J. ROBERTSON,  
Charlottesville, Va.

**HENDERSON'S  
"SHADY NOOK"  
LAWN GRASS SEED.**

Quickly Covers Bare Spots Under Trees with Beautiful Turf  
in Six Weeks' Time.

**THE BEST GRASS SEED FOR SHADY LAWNS.**

On nearly all lawns there are unsightly bare spots under the shade of trees, which have baffled all efforts to get into grass, but with this mixture there need be no further difficulty. It is a combination of fine, dwarf-growing, evergreen varieties, which in their wild or natural state are to be found growing in the woods or other sheltered and shaded spots. Ground that has been densely shaded by trees is frequently "sour," and if the drainage is defective it is apt to be covered with moss and coarse bog grasses. In such cases an application of slaked lime, at the rate of one bushel to each thousand square feet, or forty bushels to the acre, is an excellent corrective and sweetener, but the moss should be first removed by the use of a sharp rake.

Where the shade is very dense the grasses are liable to be thinned out during the late fall and winter through the ground being kept too wet. An additional quantity of Shady Nook Grass Seed should be sown every spring. The extra seeding will keep the lawn in good condition during the summer.

Price, (Delivered Free in the U. S.) 35c. qt., \$1.25 for 4 qts., \$2.00 pk., \$7.00 bushel of 20 lbs.



# HENDERSON'S "SUNNY SOUTH" LAWN GRASS SEED.

Where the grasses of the North approach the grasses of the tropics there is an irregular belt of territory—approximately from South Carolina westward (no definite line can be drawn on account of varying altitudes) where the heat and drought of summer burn out the favorite lawn grasses of the north unless liberally watered; and yet sections in this belt are subject to some freezing weather in winter, which excludes the satisfactory use of the St. Augustine and Bermuda grasses so extensively used for lawns in the extreme south and in warm semi-arid sections. Consequently, for localities where the above conditions apply our "Sunny South" mixture will be found thoroughly satisfactory. It is a blend of foreign and indigenous grasses naturally adapted to withstand heat and drought, and also some freezing, and with a little attention to sprinkling occasionally during dry hot weather until established, will furnish a permanent lawn, green the year round.

Price, delivered free in the U. S., 35c. qt., \$1.25 for 4 qts., \$2.00 pk., \$7.00 bush. of 20 lbs.

## HENDERSON'S "Seaside" Lawn Grass Seed

**The Long Roots Penetrate  
the Sand and Live.**

"My small lawn produced from your Seaside Grass Seed has been most satisfactory, considering the extremely sandy soil."  
FRANK H. COLE,  
Asbury Park, N. J.



## HENDERSON'S "SUNNY SOUTH" LAWN GRASS SEED

PLEASED PATRONS DELIGHT TO TELL ITS PRAISES.

### Had to Mow it in less than Four Weeks

"I am delighted to say that the 'Sunny South' lawn grass seed I ordered from you has not only surprised everybody but myself also. I have the prettiest lawn in this town, and I had to mow it in less than four weeks from time of sowing."  
A. F. PORRO, Quincy, Fla.

### Admired by All Beholders.

"I would like to add my testimony to the excellence of your 'Sunny South' Grass Seed. It is more than you claim for it. My lawn is the admiration of all."  
Miss I. A. LEETE, Turheel, N. C.

### Saw it and was Convinced.

"Enclosed you will find money order for \$2.00 for which send me, at once two dollars worth of your 'Sunny South' lawn grass seed. Mr. Porro, of this place had some from you a few weeks ago and it has done so well, I desire to plant some."  
OSCAR SHERRILL, Quincy, Fla.

### Better than Bermuda Grass.

"It may interest you to know that your Sunny South lawn grass is full and green. It looks far better than the Bermuda grass."  
J. T. MURFEE, Tuscaloosa, Ala.

### This Grass Keeps Green in the South Country.

"My grass, the 'Sunny South,' is just as fine as can be, although I should have put more seed on. Will put all the balance of the lawn in 'Sunny South,' it having stood the drought better than any of the others I sowed."  
W. S. KEEFER, Thomasville, Ga.

## HENDERSON'S "SEASIDE" LAWN GRASS SEED.

Along our sea coast there are many beautiful summer homes and resorts with such sandy saline surroundings that a turf of the favorite lawn grasses cannot be produced. We have so often made up a mixture of special grasses to thrive under these trying conditions that we have concluded to offer it for the benefit of others who may be having the same "trouble in getting grass to grow." We do not claim that our "Sea Side" lawn grass will make a lawn equalling in fine velvety texture those produced with the "Henderson Lawn Grass Seed," but our "Sea Side" mixture will make a good turf of green on sand where the finer grasses are not so likely to thrive, though of course the sand must be top dressed with not less than 2 inches of soil before even our "Sea Side" grass seed is sown, to enable the young grass to get a start, after which the long roots—peculiar to the varieties we use in this mixture—drive down deeply in the sand and remain permanently self-sustaining—if attention is given to sprinkling during dry weather.

The lawns surrounding the Manhattan Beach and Oriental Hotels illustrated below were made years ago under the exact conditions we describe above with our special "Sea Side" Lawn Grass mixture, and they still remain in beautiful condition, excepting in places where the salt spray dashes. Use at the rate of 1 quart for 300 square feet; 5 bushels per acre.

Price, delivered free in the U. S., 25c. qt., 85c. for 4 qts., \$1.50 pk., \$5.00 bush.

Please notice that we DELIVER FREE in the U. S. all LAWN GRASS MIXTURES (by Mail, Express or Freight, at our option)



# HENDERSON'S "TERRACE SOD" LAWN GRASS SEED

A special mixture of grasses best suited for sowing on terraces, railroad embankments and side hills—grasses that produce strong spreading roots, thus preventing heavy rains from washing them out; that will withstand drought and exposure, thrive on shallow soils, and at the same time produce a rich, velvety green turf throughout the season. There need be no fear of introducing coarse grasses into your lawn by sowing this mixture, for though strong-rooted, the grasses are equally as fine as those used in the "Henderson" mixture.

Price, delivered free in the U. S., 35c. qt., \$1.25 for 4 qts., \$2.00 pk., \$7.00 bush. of 20 lbs.

## Terraces Beautiful and Green.

"I have used several bushels of your 'Terrace Sod' Lawn Grass Seed, and it has made our terraces beautiful and green, and has bound the soil so firmly that even the excessive rains of this summer have not caused a washout."

ALFRED DONNELLY,  
Gardener to C. H. Mackey, Esq., Roslyn, N. Y.

## It is Always Free From Weeds.

"Our home attracts attention, because Mr. Chatten is an architect, and naturally his home is criticised. Many persons say 'How do you have such beautiful lawns.' We just say, Henderson's lawn and terrace mixtures—they are always free from weeds."

MRS. H. CHATTEN,  
Quincy, Ill

## There Are No Washouts.

"I have used your 'Henderson' Lawn and Terrace Sod grass seeds on the lawns and banks here with most excellent effect. It is a great soil binder."

P. J. DONOHUE,  
Gardener to the late M. K. Jessup, Belvoir Terrace, Lenox, Mass.



# HENDERSON'S "TOUGH TURF" GRASS SEED...

A Blend of Grasses Especially Suited for

Tennis Courts, Croquet Grounds, Bowling Greens, Etc.

It quickly forms an **INDESTRUCTIBLE TURF.**

**SMOOTH, FIRM, ELASTIC, STANDING WEAR AND TEAR OF OUTDOOR GAMES. CONSTANTLY GREEN.**

Under congenial conditions it will be ready for mowing four weeks from sowing, and in six weeks ready for playing.

The turf required for outdoor sports must be closely interwoven, firm, elastic, smooth, and durable to stand the wear and tear. These requirements are met in Henderson's "Tough Turf" Mixture, which is composed of native and acclimated foreign fine-leaved, fibrous, deep-rooting grasses, that spread and intermingle, the seeds of which are blended in the proper proportions to form and maintain a tough, matted sward, constantly green, even in dry weather. These varieties of grasses being low-growing and fine-leaved, require to be sown liberally if a playing turf is desired quickly; not less than one quart should be used for 300 square feet, or five bushels per acre; half that quantity will do for renovating.

Price, delivered free in the U. S., 30c. qt., \$1.00 for 4 qts., \$1.75 pk., \$6.00 bush. of 20 lbs.



For those who have preference for any one variety of Grass, or desire to make up Special Mixtures of their own, we can supply finest Recleaned qualities of the separate Grasses as offered on page 10.



PROCURABLE ONLY FROM

PETER HENDERSON & CO., NEW YORK



HENDERSON'S  
"GOLF COURSE"  
GRASS SEED

# HENDERSON'S "Golf Course" Grass Seed Mixtures

## FOR FAIR GREENS AND PUTTING GREENS.

FOR LAYING DOWN NEW COURSES AND RENOVATING OLD ONES.

THE FINEST COURSES IN AMERICA TO-DAY ARE THOSE ON WHICH HENDERSON'S "GOLF COURSE" GRASS SEEDS HAVE BEEN USED.

Among which we mention and to which we refer.

Essex County Country Club	N. J.
Chicago Golf Club	Ill.
Chevy Chase Country Club	D. C.
St. Andrew's Golf Club	N. Y.
Philadelphia Country Club	Pa.
Shinnecock Golf Club	N. Y.
Essex County Club	Mass.
Garden City Golf Club	N. Y.
Ardley Golf Club	N. Y.
Tuxedo Golf Club	N. Y.
Portland Golf Club	Ore.
Spokane Golf Club	Wash.
Royal Montreal Golf Club	Can.
Quebec Golf Club	Can.
Merion Cricket Club	Pa.
Westchester Country Club	N. Y.
Newport Golf Club	R. I.
Lakewood Golf Club	N. J.
Century Club	N. Y.
Knollwood Country Club	N. Y.
N. Y. City Public Golf Course	N. Y.
Salisbury Golf Club	N. Y.
Wilmington Country Club	Del.
Homewood Country Club	Ill.
Foxhills Golf Club	N. Y.
Mohawk Golf Club	N. Y.
Apawamis Golf Club	N. Y.
Lake Placid Golf Club	N. Y.
Richmond Country Club	N. Y.
Westfield Golf Club	N. J.
Cranford Golf Club	N. J.
Haworth Country Club	N. J.
Hollywood Golf Club	N. J.

"I used your seed on the putting greens of the Allegheny Co. Club, and it was great stuff."  
WM. COLLINS (Professional) Bay Side, L. I.

"Please send me by express 2 bush. Putting Green Grass Seed. The success we had with the last lot was quite remarkable."  
ANDREW MACPAIL,  
Royal Montreal Golf Club, 216 Peel St., Montreal, Can.

"GOOD TURF KINDLES A GOLFER'S HEART."—Harry Vardon

We have given much attention to grasses for Golf Courses. When Golf first became popular, one of our representatives visited several of the famous Scotch Links and found that most of the grasses which formed these Links can be grown here. The mixtures we offer below are largely composed of such varieties as will thrive here with the addition of several equally fine American varieties, and are the result of experiments conducted on our grounds, as well as careful watching for several years of the practical results obtained on Golf Courses sown with our grass seeds, such as the Golf Courses named, and nearly all well-known Courses in the United States. By the use of these Mixtures, and with proper care, the finest Fair Greens and Putting Greens in the world can be successfully rivalled, and if conditions are favorable, a good playing turf may be secured in eight weeks from time of sowing and lasting indefinitely.

As an example of what may be accomplished with Henderson's Golf Course Grass Seed we will mention that of the Eagle Nest Golf and Country Club in the Adirondack Mountains. On May 15th, the ground was bare, having just been plowed and harrowed. It was then sown with our Grass Mixtures, the same as offered on this page, and the Course was in first class playing condition by July 15th, exactly eight weeks from time of sowing.

Several members of our establishment are golfers, and we thoroughly understand the requirements, and will at all times be pleased to correspond with and advise Green Committees.

**HENDERSON'S "PUTTING GREEN" GRASS MIXTURE.** Price, DELIVERED FREE IN THE U. S., 35c. qt., \$1.25 for 4 qts., \$2.00 pk., \$7.00 bush. of 25 lbs. Sow at the rate of 5 bushels per acre.

**HENDERSON'S "FAIR GREEN" GRASS MIXTURE.** Price, DELIVERED FREE IN THE U. S., per 100 lbs. at 25c. lb. Sow 40 to 50 lbs. per acre.

Besides the Grass Mixtures for Lawns and other purposes offered by us, we shall at all times be pleased to make up mixtures for Special Requirements and Situations. Correspondence invited.





"I have had from you at different times many bushels of Henderson's 'Special' Grass Seed Mixture for use on cricket grounds, and it has always given excellent satisfaction. In Lawrence we used it on the Merrimack Cricket grounds, and the course had a good name all over the State. Since I have been connected with the Mohair Cricket Club, in Lowell, we have used the same seed with the same result, that our cricket is considered the best in the State. I have recommended your seed to the Lynn Cricket Club of Lynn.

JOS. W. HARRISON Lowell, Mass.

## HENDERSON'S Polo, Cricket and Ball Ground Grass Seed Mixture.

This is a special blend of deep-rooting fine-leaved turf-forming grasses especially suited for cricket grounds, polo grounds, ball grounds, etc. This mixture forms a thick, strong, enduring turf that will stand any amount of hard usage without showing wear and tear. It grows quickly, and if soil and conditions are at all favorable, with attention to rolling and mowing, should be ready for hard use in 8 weeks from sowing. The polo grounds at Lakewood, Newport, Meadowbrook, Rockaway Hunt, Saratoga, and others, were laid with our Special Grass Seed. As for cricket and ball grounds on which our grass seeds have been used, they are too many to mention.

Sow 50 to 100 lbs. per acre; the larger quantity if quick and very best results are desired.

**PRICE, DELIVERED FREE IN THE U. S., "Special Mixture" for Cricket, Polo and Ball Grounds, 30c. per lb., per 100 lbs., \$25.00.**

### HENDERSON'S SUPERIOR RECLEANED GRASS SEEDS.

For those who have preference for any one variety or for a special purpose or desire to make up Special Mixtures of their own.

	Weight per bush.	Per bush.	Per lb.	Per 100 lbs.
<b>BERMUDA GRASS.</b> ( <i>Cynodon Dactylon</i> .) Valuable lawn grass for the extreme South, but does not thrive north of Virginia....	35 lbs.	.50	1.50	140 00
<b>CANADA BLUE GRASS.</b> ( <i>Poa Compressa</i> .) Useful on hard clay and poor gravelly soils; resists drought.....	14 lbs.	4.00	.35	30 00
<b>CREeping BENT GRASS.</b> ( <i>Agrostis Stoloniifera</i> .) Excellent for lawns and putting greens; succeeds well in most situations....	20 lbs.	8.50	.45	40 00
<b>CRESTED DOG'S TAIL.</b> ( <i>Cynosurus Cristatus</i> .) Should enter in moderate quantity in lawn and putting green mixtures.....	21 lbs.	6.75	.35	30 00
<b>ENGLISH RYE GRASS.</b> ( <i>Lolium Perenne</i> .) For quick results, it makes a good showing within a month.....	24 lbs.	2.25	.12	9 00
<b>FESCUE, FINE-LEAVED SHEEP'S.</b> ( <i>Festuca Ovina Tenuifolia</i> .) The finest bladed grass and valuable only for lawns.....	14 lbs.	6.50	.50	40 00
" <b>HARD.</b> ( <i>Festuca Pratensis</i> .) A dwarf growing grass, forming a close sod, and is valuable in lawn and putting green mixtures.....	12 lbs.	4.00	.35	30 00
" <b>RED OR CREEPING.</b> ( <i>Festuca Rubra</i> .) Forms a close, rich sod, and is valuable in lawn and putting green mixtures.....	14 lbs.	4.50	.35	30 00
" <b>SHEEP'S.</b> ( <i>Festuca Ovina</i> .) Short and dense in growth. Valuable for lawns and putting greens.....	12 lbs.	4.00	.35	30 00
" <b>VARIOUS-LEAVED.</b> ( <i>Festuca Heterophylla</i> .) Valuable in lawn mixtures, forms a close rich sod.....	14 lbs.	5.25	.40	35 00
" <b>MEADOW.</b> ( <i>Festuca Pratensis</i> .) Of robust growth and useful in permanent mixtures.....	22 lbs.	10.50	.50	45 00
<b>ITALIAN RYE GRASS.</b> ( <i>Lolium Italicum</i> .) For quick one season results; thrives in almost any soil.....	18 lbs.	2.00	.12	9.50
<b>KENTUCKY BLUE GRASS.</b> ( <i>Poa Pratensis</i> .) Does best on lime stone soils in the higher altitudes, gradually making a good turf, but not the first year. Fancy or double extra clean. Though offered at the standard weight of 14 lbs. per bushel, the natural weight of this fancy seed is 20 to 25 lbs. per measured bushel.	14 lbs.	6.00	.45	40 00
<b>RED TOP GRASS, CHOICE.</b> ( <i>Agrostis Vulgaris</i> .) Forms a close sod, thrives on moist clayey soil and even on slightly acid soils.....	14 lbs.	2.40	.18	16 00
" <b>FANCY</b> or extra re-cleaned seed free from chaff and weighs 32 lbs. per measured bushel.....	32 lbs.	9.50	.32	28 00
<b>RHODE ISLAND BENT GRASS.</b> ( <i>Agrostis Canina</i> .) Related to the Red Top, but much finer in texture; produces soft velvety turf.....	14 lbs.	6.00	.45	40 00
<b>ROUGH STALK MEADOW GRASS.</b> ( <i>Poa Trivialis</i> .) Adapted for shaded situations, particularly on damp soils.....	14 lbs.	7.25	.55	50 00
<b>SWEET VERNAL, TRUE PERENNIAL.</b> ( <i>Anthoxanthum Odorum</i> .) Emits an agreeable odor when the lawn is mown.....	10 lbs.	6.50	.70	
<b>WOOD MEADOW GRASS.</b> ( <i>Poa Nemoralis</i> .) Of early growth, thriving well under trees; makes a fine close sod.....	14 lbs.	10.25	.75	70 00
<b>WHITE CLOVER.</b> ( <i>Trifolium Repens</i> .) A hardy perennial of low creeping growth often used in lawns.....	60 lbs.	28 00	.50	45 00

We shall be pleased to make Special Prices, where possible, to buyers of large quantities of Grass Seed. Write us.





Green Lawns the Year Round in the Semi-Tropical South By Sowing  
Bermuda Grass for the Summer Lawn and English Rye Grass for the Winter Lawn.

## Bermuda Grass Seed.

**BERMUDA GRASS** is the most important and valuable grass for lawns in the extreme South. A well kept lawn of this grass is a refreshing and beautiful sight. It is of low creeping habit, roots from the stem joints and forms a dense sod. It will grow on almost any soil, thriving best on rich land, but will also thrive on poor sandy land. In moist climates it will grow in nearly pure sand, making a good sand binder and bank holder. It revels in the heat and direct rays of the sun, remaining green through the long tropical and sub-tropical summers, when any other type of grass adapted for lawns would burn out. Although Bermuda Grass is especially adapted for lawn formation in the extreme South, and may be grown as far north as Richmond, Va., and St. Louis, without being winter killed, yet the further north it is grown the shorter will be its season of green, as the foliage turns brown after the first frost and does not "green out" until after frosts cease in spring. For this reason in sections subject to frosts an associate winter grass, usually English Rye Grass, is sown in the fall over the Bermuda Grass lawn after the surface has been scarified. These two associate grasses thus furnish a green lawn the year round in the Southern States. For lawn purposes sow 6 lbs. of Bermuda Grass Seed per acre. It is best sown in the spring, as it germinates best in warm weather. **Price, of Seed, \$1.50 per lb., 100 lbs. @ \$1.40 per lb.**

## English Rye Grass Seed.

This most valuable grass for the North is also particularly useful in sections of the South as an associate with Bermuda Grass where the latter turns brown in the winter. By sowing Rye Grass in the fall right over the Bermuda Grass Sod, raking and rolling the seed in a green lawn may be had throughout the winter until warm weather again starts the Bermuda Grass into growth, when the Rye Grass will die out. The ground must be reseeded with Rye Grass each Fall. Rye Grass is of rapid growth coming up in 8 to 10 days time and soon covers the ground with a dense growth of green grass which if kept mown forms a fine sward. Sow at the rate of 50 pounds per acre.

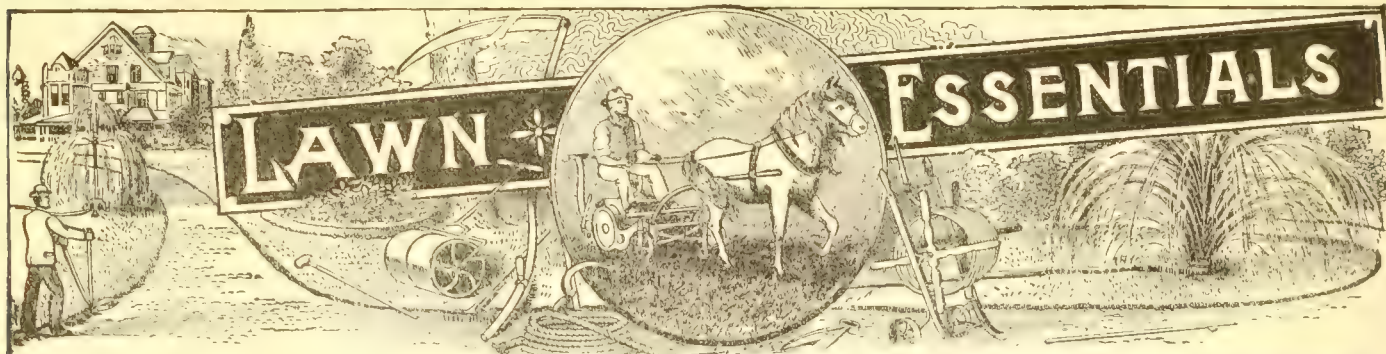
**Price, 12c. per lb.; \$9.00 per 100 lbs.; \$2.25 per bush. of 24 lbs.**

### THE METHOD OF A GEORGIA CUSTOMER IN MAINTAINING A GREEN LAWN THE YEAR ROUND.

*Gentlemen: I enclose you the details of my plan in maintaining a green lawn the year round in this climate, where ordinary grasses burn out in summer. The experiment has been a success in every way, and you may with confidence recommend this plan to your Southern customers.*

*Area  $\frac{1}{4}$  acre, sowed the Bermuda Grass Seed Jan. 31st. Our soil is very light with clay subsoil. I put it in good condition, plowing in 200 lbs. Cotton Seed Meal on the  $\frac{1}{4}$  acre, sowed the Bermuda Grass Seed Jun. 31st (6 lbs. per acre). Several subsequent rollings with a light roller had a good effect. On May 4th during a rain broadcasted 12 lbs. of Nitrate of Soda over the  $\frac{1}{4}$  acre with good results. This Bermuda Grass gave us a first-class green lawn all summer, it stands mowing and cares for no drought; the first frost kills it to the ground. October 2d applied a top dressing of rich soil and cotton seed meal and raked in English Rye Grass Seed in the proportion of 50 lbs. per acre and rolled the ground. The latter grass seed comes up in eight days, in six weeks it is a mass of green and gives a good lawn all winter; it dies out in May, leaving the ground clear for the Bermuda Grass, the roots of which survive in the ground here through the winter.*





## THE HENDERSON Self-Adjusting—Ball-Bearing LAWN MOWER.

### The King of Lawn Mowers!

LIGHT RUNNING. NOISELESS—DURABLE—SELF-ADJUSTING. TENSION DRAW CUT. ALWAYS SHARP. DOES NOT PULL THE GRASS.

Leaves the Lawn Smooth and Free from Corrugation.

THE HENDERSON BALL-BEARING LAWN MOWER is made without regard to cost—to be the best, most durable, and the easiest-working Mower on the market, and while the prices are necessarily a little higher than those of Mowers simply made to sell, yet in the end our Mower will prove much cheaper, aside from annoying delays and repairs experienced with cheap Mowers. It is superior to all other Mowers in the following respects: the axles of the revolving cutter, like the axles of a bicycle, work in self-adjusting "ball-bearing" journal boxes or cups, which reduces the friction enormously. The Mower is also built scientifically correct in other respects: The "tension drawcut" principle corrects the defect in "push cut" Lawn Mowers, and completely reverses the old way of cutting the grass. The grass is drawn across the sharp edge of the Stationary Knife, which is the cutting knife, and is severed most easily. (See illustration).

It causes the mower to operate much more easily. It prevents the mower from "bobbing up" in the rear thus ensuring an even cut. The heavier the grass, the closer the mower clings to the turf. It makes the mower self sharpening; the drawing of the wiper blades across the edge of the stationary knife keeps it always sharp and prevents gouging. Where the "push cut" style of mower requires "sharpening" a dozen times, the Henderson Ball-Bearing "tension drawcut" mower will not need it once. It is strictly a high class Mower, made from the highest quality of iron and steel. The castings are lathe-turned and bored, and the journals machine-trimmed, which insures trueness in fitting and smoothness in working, with no irregularities to wear off and leave rattle and play. We have so simplified the adjustments in our new Ball-Bearing Mower that even those ignorant of mechanics will have no trouble in always keeping our Mower in fine cutting order for years and the lawn in uninjured condition.

THE HENDERSON BALL-BEARING MOWER has high drive wheels, large, open five-blade, non-clogging cylinder. The spiral of the knives is correctly proportioned to give a continuous cut, leaving the lawn as smooth as if shaved, entirely free from the corrugated surface left by other Mowers. The handles are braced and reinforced to prevent twisting and breaking when one side of the Mower is held off the ground, and besides the handle is equipped with improved "grips," which keeps the hands in a natural position, gives more power, and is less tiresome than a continued grasp, with wrists twisted, on a horizontal grip.

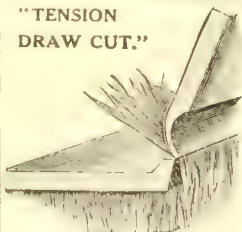
GRASS CATCHERS for the Henderson "Ball-Bearing" Lawn Mowers are of superior heavy duck; bottom of galvanized iron that will not sag nor drag on the ground when filled; they are quickly attached, removed or dumped.

#### PRICES FOR THE HENDERSON BALL-BEARING LAWN MOWERS.

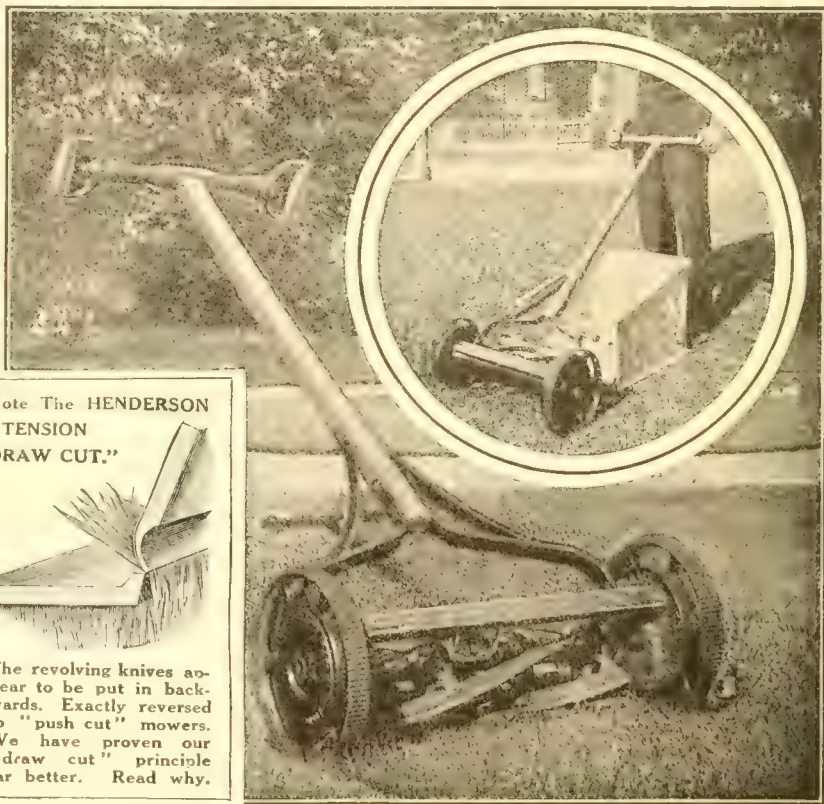
(Strictly net; no charges for packing or cartage.)

16-inch cut, \$7.50.....	Grass Catcher Extra, \$1.75
18-inch cut, \$8.50.....	Grass Catcher Extra, \$1.85
21-inch cut, \$9.50.....	Grass Catcher Extra, \$2.00

Note The HENDERSON  
"TENSION  
DRAW CUT."



The revolving knives appear to be put in backwards. Exactly reversed to "push cut" mowers. We have proven our "draw cut" principle far better. Read why.



### CUSTOMERS' REPORTS ABOUT THE HENDERSON BALL-BEARING LAWN MOWER.

"Just a line to advise you that the 18-in. Henderson Ball-Bearing Lawn Mower received from you a few days ago is superior to any mower I have ever used or seen and I am more than pleased with it."  
FRED WILDEY,  
Livingston, N. Y.

"A number of years ago I bought a 16-in. Henderson Ball-Bearing Lawn Mower of you and it is still in perfect order and does as good work as it ever did."  
E. T. DENHAM,  
Gloversville, N. Y.

"I have used several kinds of lawn mowers during the past 35 years but your Henderson's Ball Bearing just received is the best I ever used."  
JOSEPH TAYLOR,  
Gardener St. Frances Hospital,  
142d St., New York City.

"I bought one of your Henderson Ball-Bearing Lawn Mowers several years ago, it has been used every season since without any repairs and we have a large lawn. It has given good satisfaction."  
CHARLES H. YOUNG,  
Tunkhannock, Pa.

"Your 21-inch Ball-Bearing Lawn Mower more than pleases me, and it has so excited the jealousy of my neighbor that he wishes me to order one for him exactly like mine. Please ship it by, etc."  
DR. CHAS. R. SMITH,  
Tioga, Pa.



## THE HENDERSON EIGHT BLADED "PUTTING GREEN" MOWER.

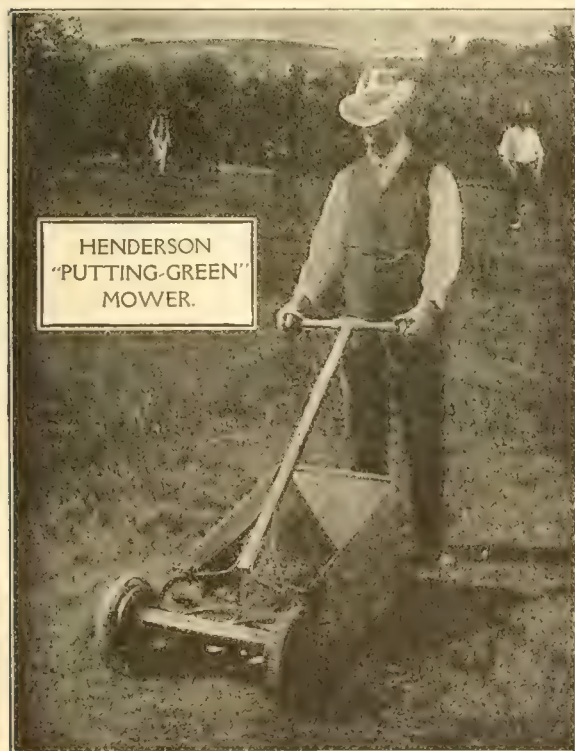
Self-Adjusting Ball Bearings. Close and Smooth Cutting.

We offer this mower to Golf Clubs as the very best mower ever devised for smooth, close work on putting greens. The tension draw cut principle by which the grass is drawn across the lower blade and shaved off is a great improvement over the push or gouging out of other lawn mowers. The draw cut makes the mower self sharpening. It has an eight-bladed revolving cutter working in ball-bearings and speeded high, thus leaving the cut surface of the "green" absolutely free from corrugations, and almost as smooth as a billiard table. The knives can be set so low that they will fairly shave the ground if desired; though on a level, well rolled green, with close, fine turf, a quarter to a half-inch clip leaves the surface in the nicest condition for putting. The aggravation experienced by many golfers after driving off in good shape and coming through the fair green equal to Col. Bogey, only to fall down in putting on account of the uneven surface of the "green," impresses the victim with the importance of having a mower used that will leave the surface as smooth as possible.

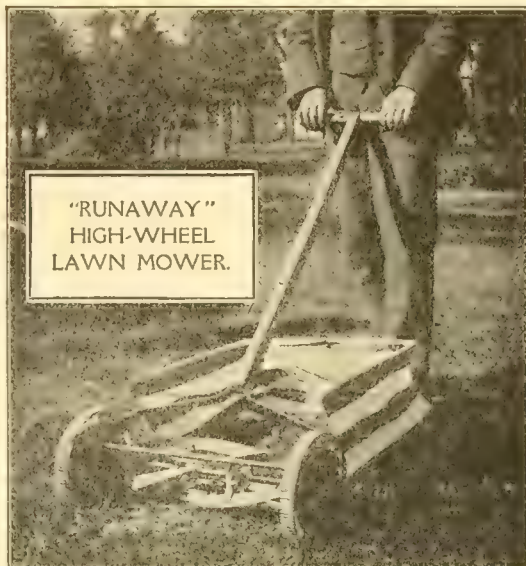
Henderson's "Putting Green" Mower is a thoroughly high-grade machine, carefully built of finest material, the knives especially being of finest steel. It runs easy considering the number of knives and fine cut. Guaranteed satisfactory.

Prices (Strictly net; no charge for packing or cartage.)

16-inch cut.....	\$10.00	Grass Catcher (extra).....	\$1.75
18- " " .....	11.00	" " " .....	1.85
21- " " .....	12.50	" " " .....	2.00



HENDERSON  
"PUTTING-GREEN"  
MOWER.



"RUNAWAY"  
HIGH-WHEEL  
LAWN MOWER.

## "RUNAWAY" HIGH-WHEEL LAWN MOWER.

A first-class high-wheel lawn mower at a popular price; the four revolving knives give a continuous cut; made of best materials, easy running and fully warranted.

Prices (Strictly net; no charge for boxing or cartage.)

12-inch cut.....	\$4.00	20-inch cut.....	\$6.00
14- " " .....	4.50	Metal Bottom Grass Catchers, for any	
16- " " .....	5.00	size "Runaway" Mower (extra)....	1.25
18- " " .....	5.50		

## "UNIVERSAL" LOW-PRICE LAWN MOWER.

For the benefit of those who want a low-price mower, and for those who have but little grass to cut, we offer the best cheap mower made. While the prices are as low as "department store" prices, yet this mower is made of best materials, both in quality of knives and quality of work.

Prices (Strictly net; no charge for cartage or packing.)

10-inch cut.....	\$2.75	18-inch cut.....	\$3.75
12- " " .....	3.00	Canvas Grass Catcher, for any size	
14- " " .....	3.25	Universal Mower (extra).....	1.00
16- " " .....	3.50		

## HENDERSON'S BORDER AND TERRACE MOWER.

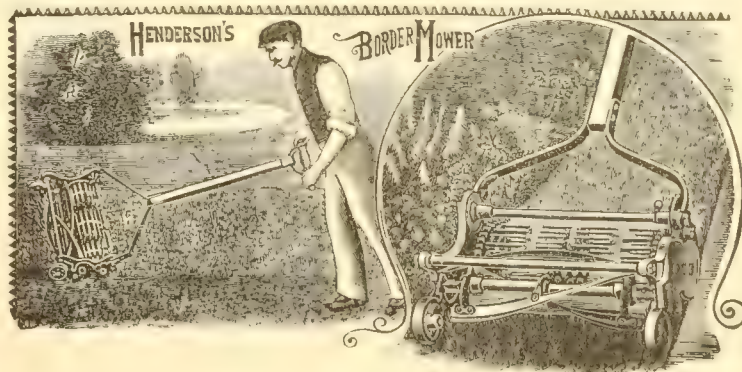
Especially designed to cut the grass on borders—the narrow strips of sod sometimes only a few inches wide—between flower beds and walks, where a high-wheel mower would have one wheel down in the gutter, and in consequence the mower would cut into the sod. In our Border Mower a large light cylinder extends the full width of the mower and keeps the machine level with the surface and does perfect work. This machine is also useful for regular lawn work. It is very light running, and will give thorough satisfaction.

Prices (Strictly net; no charge for boxing or cartage.)

10-inch cut.....	\$6.00	16-inch cut.....	\$9.00
12- " " .....	7.00	18- " " .....	10.00
14- " " .....	8.00		

We Supply all Leading Lawn Mowers, including the following:

Chain Roller Mower. Four-Bladed.		Imperial High Wheel. Four-Bladed.	
Net Prices.	Grass Catcher	Net Prices.	Grass Catcher
12-inch cut.....	\$10.50	14-inch cut.....	\$8.50
14- " " .....	11.75	16- " " .....	9.50
16- " " .....	13.00	18- " " .....	10.50
18- " " .....	14.00	20- " " .....	11.50
20- " " .....	15.00		2.30
With 6 blades, add \$1.00.		With 5 blades, add 75c.	
Pennsylvania High-Wheel		Philadelphia, Style E. High-Wheel (10-in.)	
15-inch cut.....	\$12.00	15-inch cut.....	\$9.00
17- " " .....	13.50	17- " " .....	10.00
19- " " .....	15.00	19- " " .....	11.00
21- " " .....	16.50	21- " " .....	13.00



HENDERSON'S BORDER AND TERRACE MOWER.





USED ON THE FINEST PRIVATE  
LAWNS, PARKS, GOLF COURSES  
AND COUNTRY CLUB GROUNDS.

among which are,

Dyker Meadow Golf Club,	N. Y.
Thousand Island Yacht Club,	N. Y.
Eagle Nest Country Club,	N. Y.
Ottawa Golf Club,	Can.
Niagara Golf Club,	N. Y.
Misquamicut Golf Club,	R. I.
Westchester Country Club,	N. Y.
Chevy Chase Club,	Md.
Essex County Country Club,	N. J.
Ardley Golf Club,	N. Y.
Burlingame Country Club,	Cal.
Crescent Athletic Club,	N. Y.
Oyster Bay Golf Club,	N. Y.
Eagle Nest Golf Club,	N. Y.
Savannah Golf Club,	Ga.
Florida Country Club,	Fla.
Elizabeth Town & Country Club,	N. J.
Sea Cliff Golf Club,	N. Y.
Scarsdale Golf Club,	N. Y.
Newark Athletic Club,	N. J.
Hackensack Golf Club,	N. J.
Mahopac Golf Club,	N. Y.
Ekwanoock Golf Club,	Vt.

and others too numerous to mention.

## The New Henderson Horse Lawn Mower

FULLY WARRANTED.

AND ROLLER COMBINED.

THE LATEST AND BEST.

Knives can be raised or lowered instantly. Side draught (applicable to either side) keeps horse off uncut grass.

THIS is the best horse-power mower manufactured, simple in construction, very durable; nothing but the very best steel and iron are put in it. It is quickly adjusted to cut high or low, and the arrangement for throwing in and out of gear and for raising the knives when passing over stones, rough places or roads is operated from the seat. The side draught (applicable to either side) keeps the horse on the cut grass and prevents trampling down that which is to be mown. The revolving knives are "high speeded," making a continuous cut and leaving the surface of the lawn as smooth as velvet. These mowers are fitted with a two-section roller and weigh, exclusive of shafts, 30-inch cut, 445 lbs.; 35-inch cut, 490 lbs.; 40-inch cut, 540 lbs.; to this may be added the weight of the man if he rides, thereby rolling the lawn with a very respectable weight at the same time it is cutting; or the cutter may be thrown out of gear by the movement of a lever and the machine be used for rolling alone.

Prices for the HENDERSON HORSE MOWER, complete with seat, shafts and side draught. Strictly net, no charge for cartage or boxing.

30-in. cut, \$60.00

(Packed weight, with shafts, 610 pounds.)

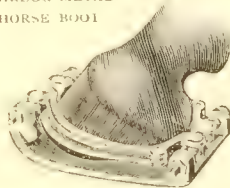
35-in. cut, \$67.00

(Packed weight, with shafts, 660 pounds.)

40-in. cut, \$75.00

(Packed weight, with shafts, 690 pounds.)

GREGG METAL  
HORSE BOOT

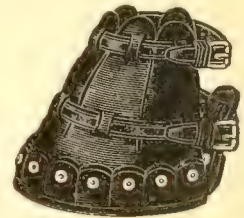


### LAWN BOOTS FOR HORSES.

These prevent the horse's hoofs from cutting and marring the surface of lawns when the ground is soft or moist.

### Henderson's Improved Leather Horse Boots.

These are of best quality and will not stretch out of shape like cheap boots. The soles are two thickness of best sole leather riveted together. These boots strap about the hoof and do not chafe nor wear off the hair like tall boots that fasten about the leg. In ordering send outline of hoof. Price, per set of 4, \$10.00.



LEATHER HORSE BOOT

### THE GREGG METAL HORSE BOOT.

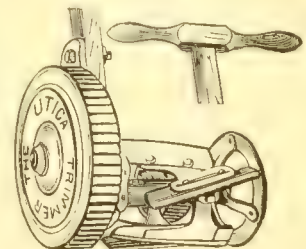
The best metal boot, very durable being entirely made of steel. It adjusts perfectly to the hoof by front and back screws and overcomes the objection to other metal boots that we are acquainted with which either fasten to the shoe, tending to loosen it or pull it off, or else fasten around the hoof by a single clamp or screw at the back which tends to pinch in the frog. The Gregg Boot is made in 5 sizes. In ordering send outline of hoof. Price, per set of 4, \$9.00.

### THE UNIVERSAL LAWN TRIMMER.

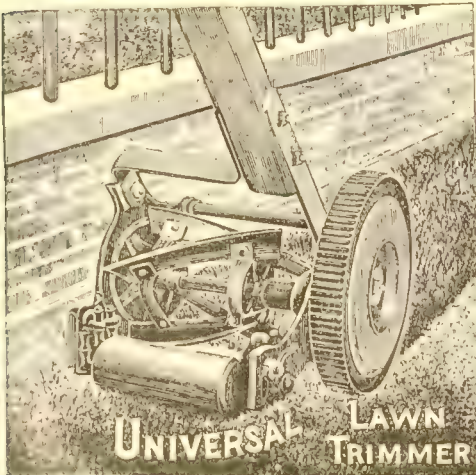
The latest and best machine that we know of for trimming grass close up to the fence or wall, thus reducing hand work with shears to a minimum. It will also be found handy for trimming up around trees, under bushes, etc., and in cemeteries it will be a boon. It cuts 6 inches in width. This Lawn Trimmer is a high-grade machine in every respect with self-adjusting ball bearings preventing any "end play," thus keeping the knives always set, wearing to the same bevel and therefore always sharp. The handle being on line with the driving wheel overcomes the tendency of the machine to run sideways—so annoying in other machines designed for a similar purpose. Price, \$5.00.

### THE UTICA LAWN TRIMMER.

A similar, lower priced machine than the above, and designed for the same purpose. Price, \$3.50



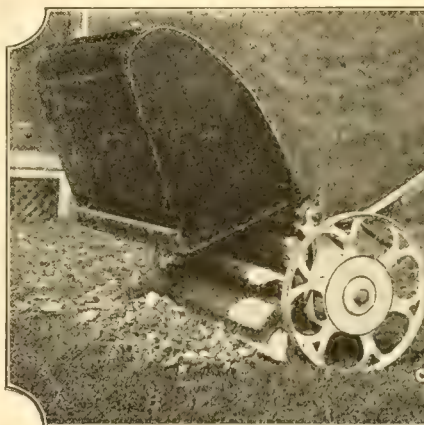
UTICA LAWN TRIMMER.





# THE APOLLO ROTARY LAWN SWEEPER.

A thoroughly satisfactory machine for sweeping the lawn after mowing. The sweeper gives you a perfect lawn as soon as the sweeping is finished instead of looking gray for several days owing to the withered cut grass. If the sweeper and lawn mower are run in opposite directions, the lawn will be the same shade of color all over. It gathers up and throws into the large collecting box all cut grass, leaves, small stones, sticks, etc.; nothing escapes. When the box is full it is quickly dumped by pulling a cord. It works something like a carpet sweeper, having revolving flexible fibre brushes. It can be set low or high, as desired. It is simple, strong, and easily pushed by a man or boy, leaving the lawn in beautiful condition, clean, bright and green. While essentially a lawn sweeper, yet it is equally valuable for sweeping walks, stables, warehouses, etc., for which rubber-tired wheels can be supplied at an extra cost. Prices, 20-in. sweep, \$13.00; 28-in. sweep, \$15.00



THE APOLLO LAWN SWEEPER

## The Pennsylvania Rotary Lawn Rake.

This is virtually a revolving lawn comb, having flexible steel wire teeth instead of fibre brushes as in the Apollo Sweeper offered above, the latter being a surface sweeper, while the wire teeth of the revolving lawn rake go between the blades of grass and comb out all dead grass, crab grass, leaves, sticks and other rubbish. It leaves the grass standing upright. The action of the three revolving rakes raises up the creeping crab grass and other low growing weeds so the lawn mower can cut them before going to seed, thus effectually ridding the lawn of annual weeds. In other respects the operation of the two machines is similar, both having dumpable collecting boxes, etc. (See cut.) Price, 24-inch machine. \$16.00. (Weight, packed for shipment, 90 lbs.)



THE PENNSYLVANIA ROTARY LAWN RAKE

## THE "APOLLO SPECIAL" SWEEPER.

For Golf Greens and Tennis Courts.

A Veritable Comb and Brush for Grass.

This machine—a veritable comb and brush for grass—is a necessity for Golf, Country, Tennis and Bowling Green clubs—enabling them to put and keep their grass greens, courts and lawns in perfect playing condition at a great saving of time, labor and expense. In fact the "Apollo Special" will do as much work in ten minutes as can be accomplished with a rake and broom in one hour—and do it far better. It will remove worm casts, ant hills, cut and dead grass, leaves, twigs, stones and all obstructing litter, leaving the turf clean, smooth and well groomed.

The machine is easily pushed by one man and cleans a swath 28 inches wide as fast as one can walk. The revolving brush is geared to sweep forward thus throwing all refuse into the collecting box, which is quickly dumped by pulling a cord.

The revolving brush is composed of tufts of flexible wire teeth—followed by tufts of fibre bristles, which sweep up what the wire teeth comb out of the grass. The fibre used is of palmetto, very durable and not affected by water.

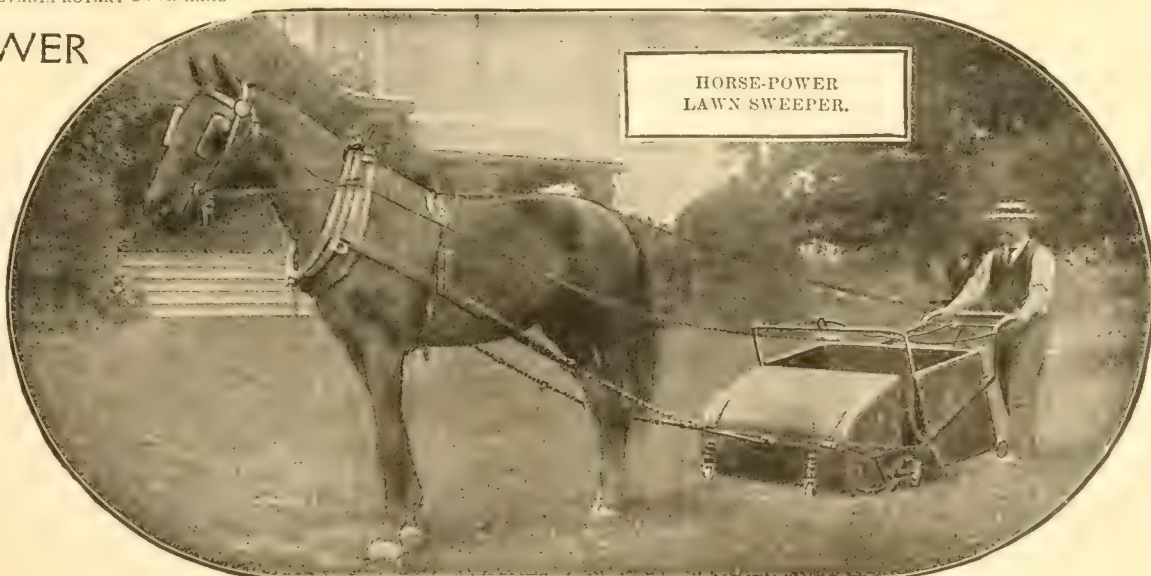
The "Apollo Special" although designed particularly for Golf, Greens, etc., is equally satisfactory for sweeping private lawns. Price, \$18.00.

## HORSE-POWER LAWN SWEEPER.

A revolving brush in front sweeps the sod, cleans and throws the sweepings backward into a large box in the rear. This box can be dumped without stopping. Sweeps 40 inches wide.

The sweeper gives you a perfect lawn as soon as the sweeping is finished instead of looking gray for several days owing to the withered cut grass.

If the sweeper and lawn mower are run in opposite directions, the lawn will be the same shade of color all over. Price, \$70.00.



HORSE-POWER LAWN SWEEPER.



"CHAMPION" SOD-CUTTER.



## Henderson's "Champion" Sod Cutter.

A horse-power machine for cutting sod in long strips; an important and valuable implement for golf grounds, parks and other places which have much sod laying or repairing to do. It cuts the sod of uniform width and thickness, in any length, so that it is particularly adapted to giving solidity to slopes in cuts and on embankments, working equally well on level or uneven surface, cutting both ways with the land, and leaving no sod uncut, being light of draft, easily managed, strong, neat and durable. It is the best and cleanest sod-cutting machine in America. Has a Reversible Knife made of one piece of steel. While one side dulls, the opposite edge is getting sharpened; cannot get choked. An Adjustable Roller regulates the thickness of the sod from one-half inch to two inches; the front roller swings back under the guide-shoe and takes the weight when the machine is not cutting.

The guide-shoe can be changed to either side in a minute; no friction or injury to the grass. The knife can be cleaned without turning over the machine.

One machine will cut from 30,000 to 40,000 square feet per day, doing the work of forty men; the expense saved between cutting by hand and with horse power in one day is enough to pay the price of our machine. Instructions for operating furnished with every machine. Price, \$25.00.

## Henderson's Sod Perforator.

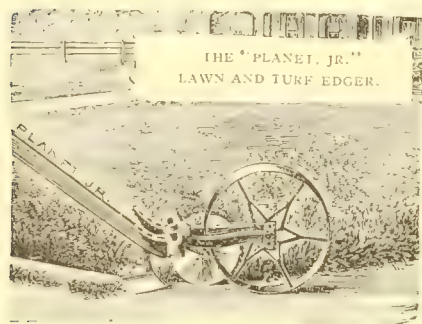
An invaluable tool to aid in renovating bad spots in lawns, grass plots, putting greens etc. It is operated like a rammer, the lower surface being provided with spikes which puncture the sod, leaving small holes into which much of the seed or fertilizer drops when broadcasted, thus preventing its being blown or washed away. The holes are filled with soil by the first rain, which covers the seed so it can germinate. Price, \$25.00.



SOD PERFORATOR.

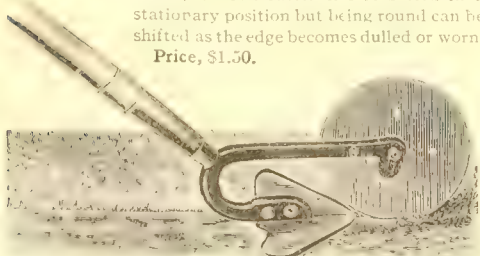
## The "Planet, Jr." Lawn and Turf Edger.

This little tool trims the turf around the edges of the flower beds, walks, roads, etc; the revolving cutter does perfect work, either on a curved or straight border, edging accurately at just the correct angle and at the speed of a mile an hour, while the hoe cleans the bottom of walk. The hoe can be removed if desired. It is invaluable in giving a finished appearance to the lawn. Weighs 25 pounds. Price, complete, \$6.25.



## Barden's Border Edger.

This splendid tool trims the over hanging turf while the triangular hoe at the same time cleans the edges of walk or driveway. It is adjustable to different depths of verge. The cutter disc is bolted in a stationary position but being round can be shifted as the edge becomes dulled or worn. Price, \$1.50.



BARDEN'S BORDER EDGER.

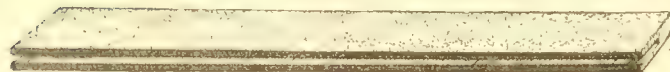
## The Eureka Tennis Marker.

A patented device for marking tennis courts, baseball and football fields, and is the simplest and most efficient marker in existence. It works equally well on dirt or grass and is so designed that an absolutely clean cut line is made. Water and slaked lime is used and there are no brushes to clog and wear. The marker consists of a galvanized iron tank from which a half-inch pipe leads to the marking shoe. This shoe trails along on the ground and is made with three paths of flow so that the lime is evenly distributed. The flow is controlled by a valve regulated by a lever. The marker can be operated at the speed of a moderately fast walk and about ten minutes is a fair estimate for the time required to mark a tennis court. When once marked the line may be followed indefinitely and in a short time becomes deep and permanent. The Eureka Tennis Marker is made throughout of the best materials, and with ordinary care will last a life-time, it weighs 20 pounds, and about 35 pounds boxed for shipment. Price is \$10.00.



THE EUREKA TENNIS MARKER.

## THE EUREKA LAWN MOWER SHARPENER.



utes. Anyone can attach it to cutting blade. No filing, no work. Simply push the mower, on sidewalk with Eureka Sharpener attached and blades sharpen automatically. Price, 35c., or by mail, 40c. Specify width of mower whether 12 in., 14 in., 16 in., 18 in., or 20 in.

A new device to attach to the stationary Bar of any mower. Sharpens all blades to a keen, even, accurate edge in a few minutes.

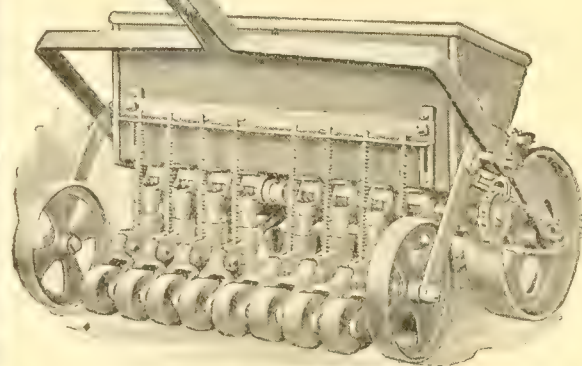


# The "Velvet-Lawn" Seeders

For  
Hand Power  
and  
Horse Power



*They Put the Seed IN  
New Ground or Old Sod.*



## The "Velvet-Lawn" Seeders for Hand and Horse Power.

Valuable new machines involving new principles. They put the seed IN either new ground or old sod. For renewing or thickening the grass and renovating bad spots in lawns, tennis courts, putting greens, etc., without reploting, redigging, or marring the surface these "Velvet-Lawn" Seeders are wonderfully efficient.

The Velvet-Lawn Seeders are valuable new machines involving new principles in seeding lawns whereby the seed is put IN the ground whether freshly prepared for a new lawn to be laid—or old sod that needs replenishing with out reploting, redigging or marring the surface. The seed is evenly distributed, wind or no wind, much or little as may be desired, and at any required reasonable depth according to how the machine is adjusted by the operator. The even distribution of the seed and its uniform depth insures an even stand of grass—not too thick in some places and too thin in others. The illustration on the left shows how the above claims are accomplished. The revolving steel discs cut a narrow gash or trench in the ground or sod—the seed is forced through the "boot" the spout of which directs the seed into the trench when at its deepest immediately under the rear of the cutting discs, the roller than follows closing up the gash and of course covering the seed. As each disc, seed spout and roller work individually they therefore adapt themselves to inequalities of the ground, insuring a perfect stand of grass, and the cutting (not tearing) of the old sod in this way has proven beneficial, a sort of a cultivation that relieves its hide bound condition. The machines have "force feeds" one to each disc and seed spout—every feed sows an equal amount of seed and a gauge regulates the quantity sown whether the machines are going fast or slow. The flow of seed can immediately be shut off by moving a lever.

The seed must grow because it is IN the ground and not on top of it. No seed is wasted. Birds can not get it, rain cannot wash it nor wind blow it away.

**THE HAND POWER VELVET-LAWN SEEDER** has eight discs with accompanying seed spouts and rollers, these sow two inches apart—or a strip 16 inches wide and as fast as a man can walk. It will sow and cross sow an area 50x150 ft. in 30 minutes. In new ground (or soft turf) it can be pushed by a man or strong boy, but in old hard sod it may require another person to pull by attaching a rope. In addition to sowing grass and clover seeds this machine will drill in such vegetable seeds as onion, radish, lettuce, etc. By covering the feed openings in the hopper, the rows may be 2, 4, 6, 8, 10, 12, 14 or 16 inches apart.

Price for Hand Power "Velvet-Lawn" Seeder.....\$15.00 net.

**THE ONE HORSE POWER "VELVET-LAWN" SEEDER** has 16 discs with accompanying seed spouts and rollers. These sow 3 inches apart or a strip four feet wide. It is very light in draft and can be operated by any boy who can drive a horse. It will be found invaluable for seeding large lawns, parks and golf courses—either new ground or renovating old turf, and is equally valuable for sowing clover, alfalfa, etc., reseeding new or old meadows and pastures.

Price for Horse Power "Velvet-Lawn" Seeder equipped with automatic press wheels.....\$50.00 net.

Illustrating one of the revolving discs cutting a narrow gash in the sod and the boot sowing the seed immediately behind the gash which is then closed by the roller following.



# HENDERSON'S SUPERIOR IRON HAND ROLLERS.

These are very superior Rollers; the edges are beveled to prevent marking; the faces are ground smooth so they will not pick up and carry lumps of earth; the axles are of steel; the sections fit closely and the handles are of our improved design, will not break and are counterbalanced so they always keep up from the ground, clean and out of the way.

The weights given are actual, which fact should be taken into consideration in comparing prices with rollers of manufacturers that run 15% to 25% less than advertised weights.

The benefit derived from using a roller on the lawn is inestimable. Freezing and thawing causes the ground to heave, and if not firmly pressed back with a roller before hot weather, the grass is apt to be killed or injured, leaving the lawn full of bare spots. A lawn on which a roller is frequently used is never troubled with moles.

From 300 lbs. to 500 lbs. is the weight chosen for one-man power for average level lawns. Remember that the heavier the roller used on your lawn the finer sward you will have.

**WEIGHT BOXES** (see illustration) can be supplied on any roller larger than number 3, at an extra price according to the size of roller, as quoted in column to the right. The weight box weighs about 50 lbs. and may be loaded with stone or iron to any desired weight.

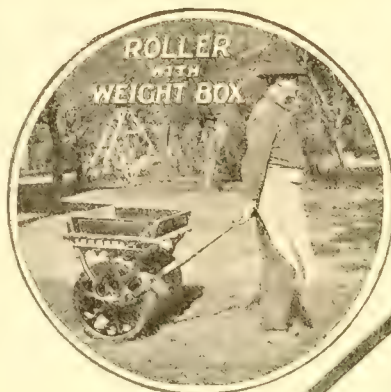
No.	Diameter	Total Length	Actual Weight	Net Prices	Weight Box Extra
1	15 in.	15 " 2 "	150 lbs.	\$8.75	—
2	"	22 " 3 "	200 "	11.50	—
3	20 in.	16 " 2 "	225 "	12.50	—
4	"	20 " 2 "	250 "	14.25	5.40
5	"	20 " 1 "	250 "	14.25	5.40
6	"	24 " 3 "	300 "	16.50	5.60
8	"	30 " 3 "	350 "	19.75	5.85
9	24 in.	20 " 2 "	400 "	22.50	6.00
11	"	24 " 3 "	450 "	25.00	6.30
12	"	30 " 3 "	500 "	28.00	6.50
14	28 in.	24 " 3 "	500 "	28.00	6.50
15	"	30 " 3 "	600 "	33.00	7.60
16	"	32 " 4 "	650 "	36.00	7.25
17	"	36 " 3 "	700 "	40.00	7.50

Horse-Power Attachment, can be applied to any Hand Roller though it will only be needed on the heavier Rollers, on which it will be found very useful, especially for hilly lawns.

Price, (not including Roller), complete with whiffletree, \$5.50.



THE  
HENDERSON  
PATENT WATER  
BALLAST ROLLER—  
MAN TOWER



HENDERSON'S  
IRON HAND  
ROLLER.



## The Henderson Patent Water Ballast Roller.

**WEIGHT MAY BE INCREASED OR LIGHTENED AT WILL.**

The advantages of a Roller, the weight of which can be increased or lightened at pleasure, can scarcely be over-estimated. Often on light or sandy soil, or on newly-made lawns, or in early spring when the ground is moist, or after a rainy spell, a lighter weight Roller is a necessity; then on thick sward or on hard soil, on walks and roads, a heavy Roller is needed. With a **Henderson Water Ballast Roller** one can secure any weight desired, between minimum and maximum, by simply removing a thumb-cap from each end and filling the two hollow sections with as much water or sand as may be needed, which is easily and quickly done with a hose or through a funnel; and the roller is as quickly emptied. The inside being heavily galvanized, it will last for years. These are perfect Rollers, and do perfect work on lawns, tennis courts, golf grounds, roads, walks, etc. They are high grade in every respect, being carefully manufactured of best materials. They will be found practically noiseless and very durable. The rolling surfaces are very smooth and will not gather grass or soil; the sections fit closely, leaving no mark, and the diameters are large, insuring a lighter draft for a given weight than is usual with equivalent weight.

Weights 300 lbs.; loads with water or sand up to 600 lbs.; tracks, 24 inches; diameter of drums, 24 inches; counter-balanced handle, stands erect when not in use. **Price, \$28.00.**

### THE HENDERSON PATENT WATER BALLAST LAWN ROLLERS.

**FOR ONE HORSE.**

Weights 900 lbs.; loads with water or sand up to 1,500 lbs., or with driver and extra weights in box up to about 1,800 lbs.; tracks, 3½ feet; diameter of drums, 28 inches. **Price, complete with seat, shafts and single-tree, \$90.00.**

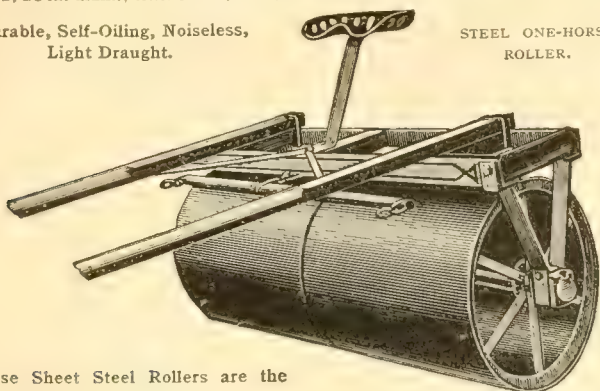


## Steel One-Horse Lawn Rollers.

Especially designed to smooth and keep in perfection  
LAWNS, DRIVES, WALKS AND GROUNDS OF GOLF, TENNIS, ATHLETIC  
AND COUNTRY CLUBS AND GENTLEMEN'S PLACES.  
No. 2, 24 in. diam.; tracks 5 ft., 5 in.; 2 sections; weight 429 lbs. Price, \$30.00.

Durable, Self-Oiling, Noiseless,  
Light Draught.

STEEL ONE-HORSE  
ROLLER.

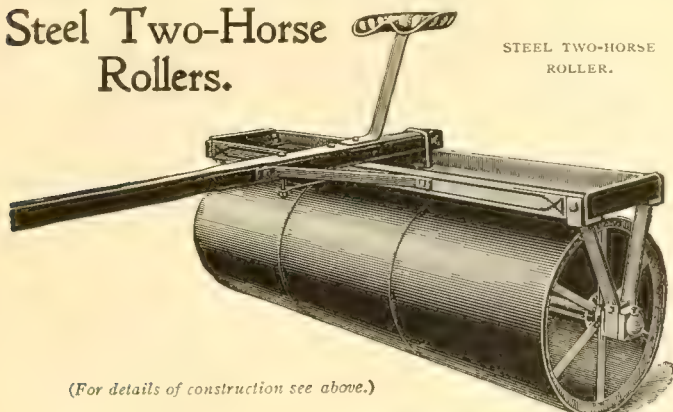


These Sheet Steel Rollers are the  
Most Popular on the Market.

Unbreakable rolled sheet steel drums, with steel felloes and channel steel spokes; thoroughly riveted and practically indestructible; axle of heavy stiff steel with lathe turned ends, working in oil soaked maple boxes which are recessed below and filled with cotton waste, which when soaked with oil will lubricate the journals the whole season, resulting in the lightest draught, smoothest and most noiseless working Roller on the market. The frames and hangers of heavy stiff angle iron are securely bolted and the frame so arranged that additional weight may be added to suit requirements.

## Steel Two-Horse Rollers.

STEEL TWO-HORSE  
ROLLER.



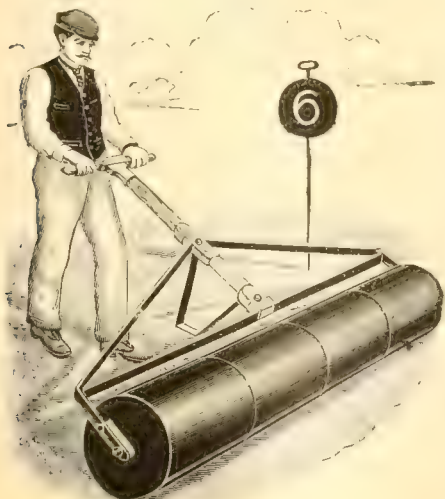
(For details of construction see above.)

No. 16, 24 in. diam.; tracks 7 ft. 3 sections; weight 552 lbs. .... Price, \$32.00  
No. 34, 30 " " " 8 " 3 " " 705 lbs. .... " \$40.00  
Price includes double trees and neck yoke.

## The Henderson Putting-Green Roller.

A roller especially made to meet requirements in rolling and keeping in good condition both grass and clay "Putting Greens." It is used and endorsed by the green keepers of some of the best golf courses in the United States.

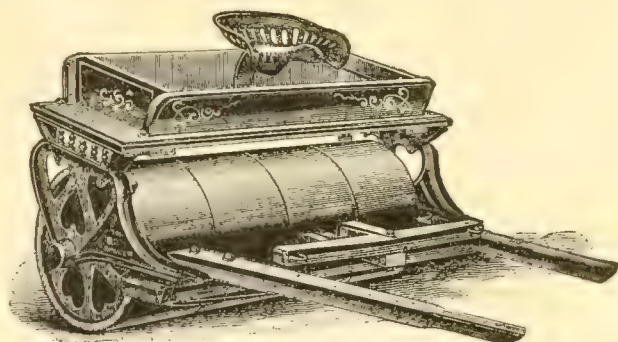
The roller is four feet wide, having four 12-inch sections 10 inches in diameter made of turned rock maple, the ends of each section being banded with steel to prevent splitting. The entire face surface is very true, leaving no ridges or indentations on the "green." The width is sufficient to go over the green quickly, keep it level, and the weight, 150 lbs., just right for convenience in handling by one man and yet effective for rolling. It turns readily without scraping the green. This roller is also useful for firming the soil when making up vegetable garden beds both before and after seeding. Price, \$16.00.



## Henderson's Superior Iron Rollers.

For use on Lawn, Field, Golf Course, Roads, Etc.

These rollers are of superior quality and finish, having smooth machine turned faces, and attractively decorated woodwork. They are the lightest draft rollers of equal weight on the market, being perfectly balanced and pulling directly from the axle. The weights given are actual, which fact should be taken into consideration in comparing prices with rollers of other manufacturers that run 15 to 25 per cent. less than advertised weights.

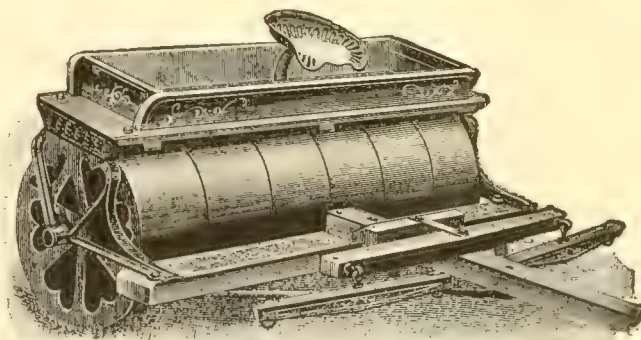


Iron One-Horse Rollers. Complete with Weight Box, Shafts and Seat.

(If scraper is wanted, add \$6.00 per roller.)

Number.	Diameter.	Sections.	Track.	Weight.	Net Price.
60	20 inches	4	4 feet	950 lbs.	\$55.00
61	20 "	5	5 "	1150 "	64.00
62	24 "	4	4 "	1200 "	69.00
63	24 "	5	5 "	1450 "	81.00
64	24 "	6	6 "	1700 "	92.00
65	28 "	4	4 "	1350 "	77.00
66	28 "	5	5 "	1650 "	91.00
67	28 "	6	6 "	1950 "	106.00
68	32 "	4	4 "	2200 "	123.00
69	32 "	5	5 "	2600 "	143.00

## Iron Two-Horse Rollers.



Prices include weight box seat and tongue. If whistle trees and neck yoke are wanted, add \$4.00 per roller; if scraper is wanted, add \$6.00 per roller.

Number.	Diameter.	Sections.	Track.	Weight.	Price.
70	20 inches	5	5 feet	1150 lbs.	\$64.00
71	20 "	6	6 "	1300 "	71.00
72	24 "	5	5 "	1450 "	81.00
73	24 "	6	6 "	1700 "	92.00
74	28 "	4	4 "	1350 "	77.00
75	28 "	5	5 "	1650 "	91.00
76	28 "	6	6 "	1950 "	106.00
77	32 "	4	4 "	2200 "	123.00
78	32 "	5	5 "	2600 "	143.00
79	32 "	6	6 "	3000 "	162.00





Steven's  
Hand Fertilizer Sower  
For Top-Dressing Lawns

## STEVEN'S HAND FERTILIZER SOWER.

FOR TOP-DRESSING LAWNS, ETC.

IS YOUR LAWN POOR, WORN OUT AND FULL OF BAD SPOTS?

Then it needs fertilizer—which can be broadcasted on evenly and at any time of the year, with our Hand Fertilizer Sower.

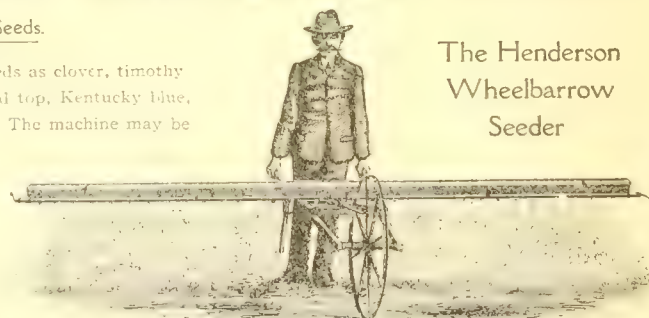
Steven's Hand Fertilizer Sower sows our Lawn Enricher, bone meal, wood ashes, lime and all kinds of commercial fertilizers, in large or very small quantities. It can also be successfully used for fertilizing strawberry beds, and other garden and field work; is excellent for sifting wood or coal ashes, sawdust, or dry sand on icy walks; will also sow damp sand by removing two blades.

The hopper is 34 inches long and holds one and a half bushels. Weight of machine 83 pounds. It is well made and nicely painted. Price, \$12.00.

## THE HENDERSON DOUBLE HOPPER WHEELBARROW SEEDER.

Sows Grass Seed Mixtures as well as Heavy Seeds or Light Chaffy Seeds.

This is a superior Seeder. One side of the Seed Box is adapted for all such heavy seeds as clover, timothy, millet, alfalfa, Hungarian, etc. The opposite side handles the light chaffy seeds, as Red top, Kentucky blue, Orchard grass, etc., as well as grass seed mixtures for golf, pasture, hay, lawns, etc. The machine may be easily regulated to sow any desired quantity per acre, sowing it accurately and evenly the whole length of the hopper—14 feet—and it does not clog up. The total weight of the machine is only 40 pounds. The hopper is perfectly balanced and is close to the large wheel—giving greatest force with least exertion, and leaving light weight on the operator. Every machine warranted to do good work, and of especial value on a windy day. Full directions with each seeder. Price, \$10.00.

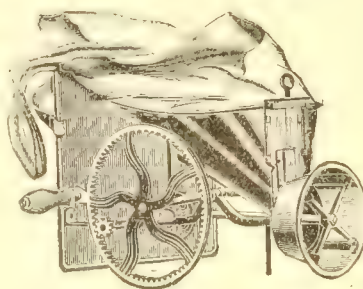


The Henderson  
Wheelbarrow  
Seeder

## Cahoon's Improved Broadcast Seed Sower.



Will sow all kinds of grass and grain seeds from 4 to 8 acre per hour at a common walking gait. Heavy seeds such as wheat it will throw 40 ft. (20 ft. each side of the operator); lighter seeds, of course, will not be thrown so far. Price, \$3.50.



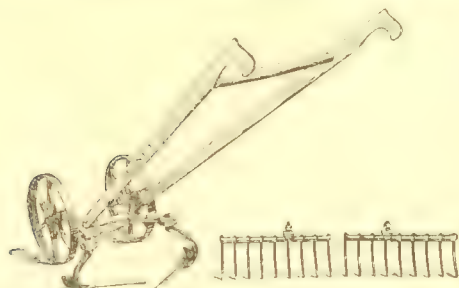
CAHOON'S BROADCAST SEEDER

## HAPPY JACK SAILOR WIND MILL.

An interesting novelty for children. When set up out of doors, the wind turns the sailors body around and his arms, holding oars, revolve in a lively manner. It is made of wood nicely carved and painted blue and white to stand the weather. Height 15 inches, oars 8 inches long. Price, \$1.25 each.



## The Planet Jr. Bunker and Trap Weeder and Leveler for Golf Courses.



This new member of the family has been brought out to meet the demands from the greens keepers of various golf courses for a tool with which to keep the sand in the bunkers free from weeds and in good condition. It is used at the speed of a moderate walk, a forward stroke being made at each step. Admirable as a wheel rake and leveler, finishing a strip thirty inches wide at each passage. It has been used extensively in England and Scotland and gave such excellent satisfaction that we now offer it here and give below some testimonials from courses where it has been used for two years past. A few were sold for the first last year in America and proved satisfactory in every respect. Price, \$8.00. Packed weight, 32 lbs.

W. J. Travis, Chairman of Green Committee, Garden City Golf Club, Garden City, N. Y., writes May 3, 1911: "I am pleased to say that the Bunker Keeper answers its purpose admirably."

The Secretary of the Walton Heath Golf Club, Walton-on-the-Hill, England, writes September 21, 1910: "The Bunker Keeper has been in use since we received it, and has been found in every way satisfactory. It does its work exceedingly well and as a time-saver is excellent. Kindly forward another at your earliest."







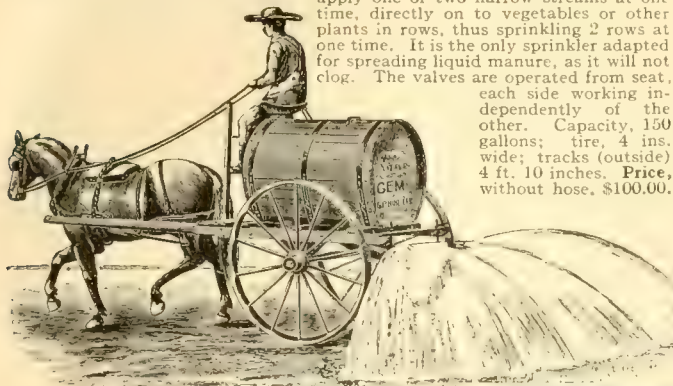




## THE "LITTLE GEM" HORSE POWER SPRINKLER.

For Sprinkling Lawns, Driveways, Gardens, Etc.

Will spread water 18 feet wide, or the spread may be reduced to any desired width down to 1 foot, at the will of the operator; or it can be readily adjusted to apply one or two narrow streams at one time, directly on to vegetables or other plants in rows, thus sprinkling 2 rows at one time. It is the only sprinkler adapted for spreading liquid manure, as it will not clog. The valves are operated from seat, each side working independently of the other. Capacity, 150 gallons; tire, 4 ins. wide; tracks (outside) 4 ft. 10 inches. Price, without hose, \$100.00.



## "ACME" SPRAYING OUTFIT.

A convenient outfit for spraying garden crops, flowers, shrubs, vineyards, etc. The tank holds about 25 gallons, is firmly fastened to a cart narrow enough for most garden paths. The force-pump has brass cylinder, to prevent corrosion when fungicides are used. (See cut.) Price, complete, cart, pump, 4 ft. discharge hose and combination spray and stream nozzle, \$13.00. Iron extension pipe, 8 feet (for tree spraying) fitted to attach to nozzle and holes. \$1.50 extra.



## COMPRESSED AIR ATOMIZER AND SPRAYER.

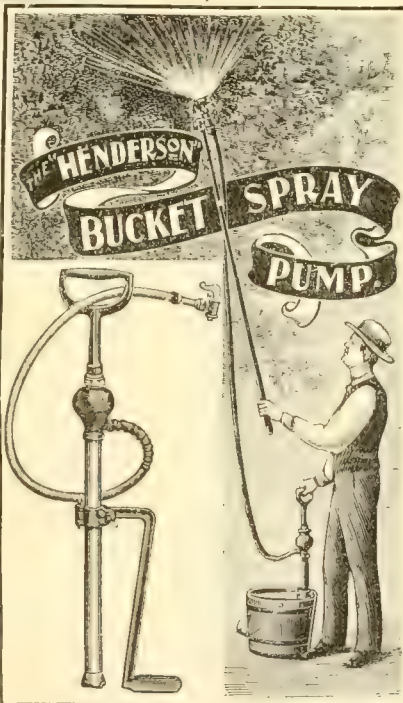
The most perfect small hand compressed air sprayer made. Delivers a continuous fog-like spray. Is fitted with straight and adjustable nozzles making a perfect under leaf sprayer. In fact spray can be delivered at any angle or position desired. Made in solid sheet brass, highly polished; holds 1 quart. Price, \$2.00.

## Auto Compressed Air Sprayer.

One of the best spraying contrivances on the market and the standard of all compressed air sprayers. Can be used in every variety of spraying. Suitable for all garden work, five acres of field crops, a limited number of trees of any size, also will handle whitewash and disinfectants in the Poultry house. Capacity about 4 gallons. Easily carried either by handle or shoulder strap. The pump is of heavy brass, large diameter. Two or three pumpings will empty the tank under high pressure. There are no screw connections in the construction of this machine and there are no parts likely to require renewing except in the ordinary course of long service. Made with tank of either brass or galvanized iron, furnished with Auto-pop Nozzle No. 1.

### NET PRICES.

Auto-spray No. 1B, Brass tank with Auto-pop Nozzle No. 1.	\$7.65
Auto-spray No. 1D, Galvanized tank with Auto-pop Nozzle No. 1.	5 40
Two row attachment for spraying 2 rows at one passing.	1 45
2 ft. Brass Extension.	15
Spray Elbow for spraying under vines.	40
Torch.	90
Brass Strainer for straining solution.	90



## The "Henderson" Hand Bucket Pump.

This is the best and most durable portable hand pump in the market. Working parts are made of solid brass with large air-chamber, and is double acting, throwing an absolutely continuous stream, either solid or in a fine spray as desired. Very light and easily carried, and works from any bucket or tub. Just the thing for throwing liquid insecticides and fungicides on low trees, shrubs, plants, etc., and by altering the nozzle it can be used for washing carriages, windows, etc. Price, with 4 feet of hose and combination spray and stream nozzle, \$4.00; or with extra 7 feet section of hose and pole connection for tree spraying, \$5.00.

## The Asbestos Torch.

Attach the torch to the end of a pole of suitable length; saturated with kerosene oil, light and hold under the caterpillars nests and pass quickly along the branches and around the trunk of the tree where the insects lodge. The heat instantly destroys the insects and will in no way injure the tree. Price, 25c. each; or by mail, 30c.



For our complete line of Hand and Horse Power Spraying Apparatus send for our Implement Catalogue : : :

## Woodason's Double Cone Powder Bellows.

For Dusting Plants with Dry Powders for Insects and Fungus.

This double cone bellows can be held in any direction without wasting powder, as it regulates its own supply, and it does not clog up, dusting under the leaves as well as on top. The best article ever invented for destroying insects in the conservatory, garden orchard, or field (See cut.) Price, \$3.00.

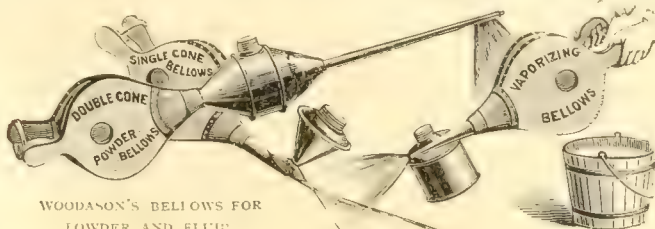
## Woodason's Single Cone Powder Bellows.

Price, large size, \$2.00; small size (for conservatory and house use), \$1.25.

## Woodason's Fluid Vaporizing Bellows.

For Spraying Plants with Fluid Decoctions for Insects and Fungus.

This throws a spray as fine as mist, rendering the use of strong solutions perfectly safe on tender foliated plants; it forces the fluids into every crevice, without using half the quantity required by syringe or sprinkler. (See cut.) Price, large size, \$2.00. Small size (for house use), \$1.50.



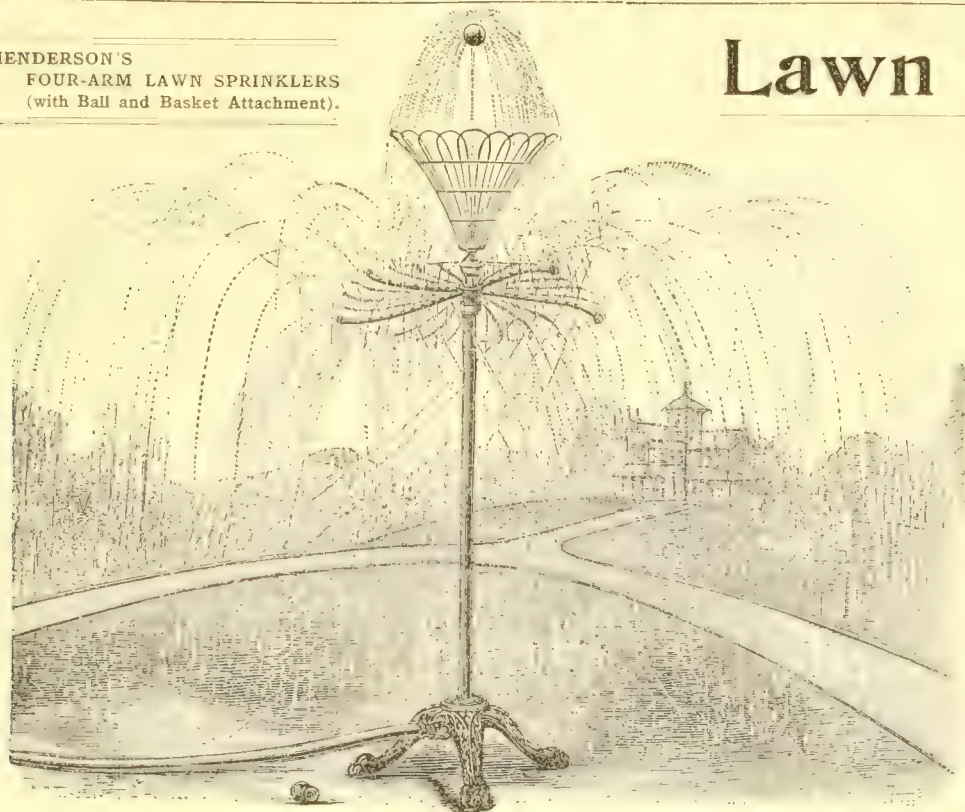
WOODASON'S BELLOWS FOR POWDER AND FLUID.



AUTO COMPRESSED AIR SPRAYER SPRAYING LOW TREES



**HENDERSON'S  
FOUR-ARM LAWN SPRINKLERS  
(with Ball and Basket Attachment).**



# Lawn Sprinklers.

A Good Lawn Sprinkler is a necessary adjunct to all well-kept lawns and grass plots. The water is distributed finely and evenly, and by leaving a sprinkler in one position long enough the grass can be thoroughly saturated, thereby insuring a luxuriant, fresh green sward during the hottest summer drought.

All sprinklers are fitted to attach to the regulation  $\frac{1}{2}$  inch bore garden hose.

## Henderson's 4-Arm and 8-Arm Lawn Sprinklers.

This is the best lawn sprinkler made. It can be attached to hose and placed anywhere on the lawn, where it serves the double purpose of a beautiful fountain and of thoroughly saturating the grass or garden. The water is distributed in fine drops over an area of 60 to 100 feet in circumference, according to the water pressure. An ornamental standard, about four feet high, is surmounted with long perforated arms, which revolve, so the beautiful sprays are constantly changing.

Prices, 4-arm sprinkler, \$3.00; 8-arm, \$3.50

**BALL and BASKET.** This fits on top of the Henderson sprinkler, and the stream of water keeps the silvered ball dancing on its summit up in the air. When the ball falls the basket catches it, and it rolls into the centre and is again raised by the water. Price, \$3.00 extra

## The "Shower" Lawn Sprinkler.

One of the most satisfactory lawn sprinklers we offer. It is very simple—no parts to revolve, squeak, clog, wear or get out of order. No arms to break off. It is a round box like affair—about 3 inches in diameter by 1 inch in depth with a turbine arrangement inside which gives the water passing through a swivel causing it to pass through the single opening and be distributed over a circular area 25 feet or more in diameter according to the water pressure. The water descends evenly from center to circumference in the form of fine rain. Price, on stand, \$2.50 without stand, to be used as a nozzle, \$1.25, or mailed \$1.35.

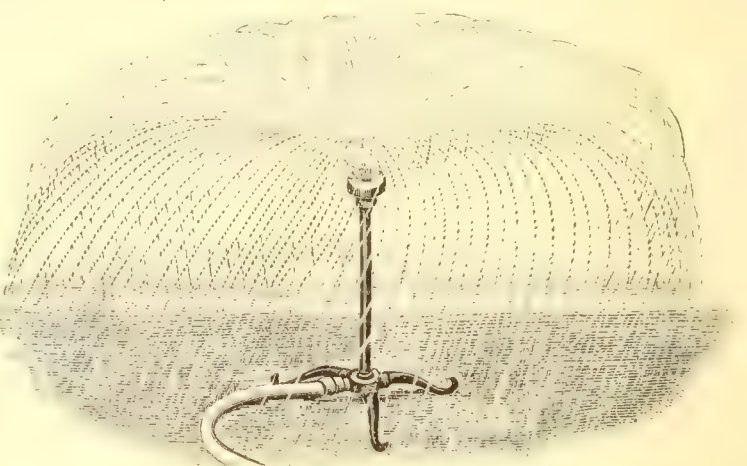
"I have given your 'shower' lawn sprinkler a thorough test. It is well named as it more closely imitates a gentle spring shower than any other sprinkler I have ever tried, and being simple in construction and made of non-corroding material it ought to last indefinitely. I am more than pleased with it."

Signed

HERMAN W. MERKEL,  
Chief Forester,

New York Zoological Park, New York.

of water keeps the silvered ball dancing on its summit up in the air. When the ball falls the basket catches it, and it rolls into the centre and is again raised by the water. Price, \$3.00 extra



THE SHOWER LAWN SPRINKLER.

## The "New Comet" Lawn Sprinkler.

Combines the greatest possible capacity in a Lawn Sprinkler with the utmost adjustability and simplicity.

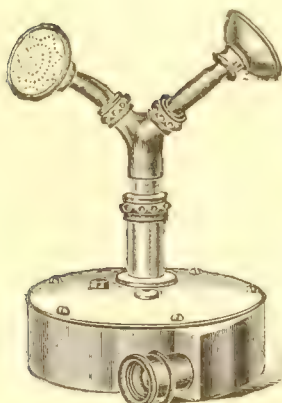
The two sprays shown in cut can be set upright, or at any angle and by means of a simple device inside the case, they are made to revolve slowly, throwing a fine spray over a space from 5 to 25 feet in diameter as desired.

By removing one of the sprays, a large stream is thrown far beyond the possibility of the spray, covering a space from 60 to 75 feet in diameter according to the water pressure. As most of the weight ( $4\frac{1}{2}$  lbs.) is at the base, it can be moved about by the hose or cord without shutting off the water with no possibility of tipping over. Price, \$3.50.

### Directions for Operating the New Comet.

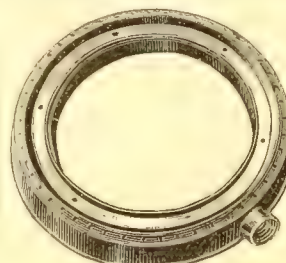
A very small space can be covered with both sprays set upright. To cover the largest possible space set the elbows at an angle of 45 degrees, one armed with a spray, and either nothing on the other, or one of the small nozzles.

The elbows may be set in any direction as they have little if any influence over their revolution. The elbow throwing the straight stream should have an outlet as large as possible, and yet not so large but what the water will fall like rain.



THE NEW COMET LAWN SPRINKLER.

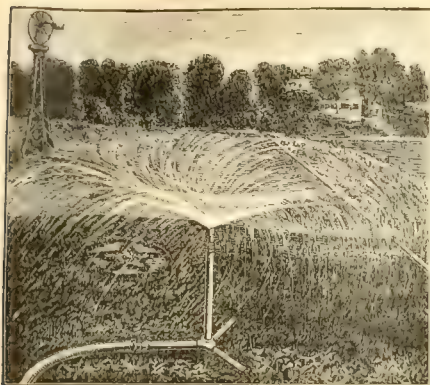
## The Ring Lawn Sprinkler.



The simplest lawn sprinkler made—no revolving parts to wear and get out of order or leak. Easily moved about the lawn—made of polished brass—light, durable

and economical. Price, 60c., or by mail, 70c.





WATER WITCH LAWN SPRINKLER ON STAND.

## "Water Witch" Lawn Sprinklers.

An effective device for sprinkling lawns, gardens or flower beds. The water flows with unimpeded force, and is divided and deflected by the two lips of the swivel piece, which it causes to revolve rapidly, scattering the water in fine drops and evenly over a circular area of 25 to 40 feet diameter. It works more satisfactorily with a very low pressure of water than any sprinkler we know of.

Price, without stand (i.e., with spur to stick in the ground (see cut), 40c. each; by mail, 50c. each.

Price, with stand (cannot be mailed), \$1.00 each.



WATER WITCH LAWN SPRINKLER ON SPUR.

## The Hotchkiss No. 65 Lawn Sprinkler and Fountain.

This Combination Lawn Sprinkler and Fountain when in operation on the lawn is very attractive. The nickel plated arms revolve distributing the water in rain like drops over an area 25 feet or more in diameter according to the water pressure. In addition to this the central oval spray cover causes some of the water to be thrown up forming a beautiful umbrella shaped fountain. Price, \$1.75 each.

## The Rainbow Lawn Sprinkler.

No ball bearings, nothing to wear or rust out.

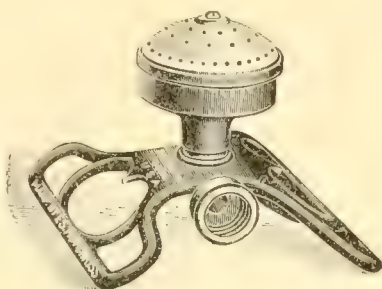
Works well under high or low pressure, covers the largest area with the least water.

Does not flood the lawn, or wash the earth from roots of the grass like all sprinklers that throw a large volume of water.

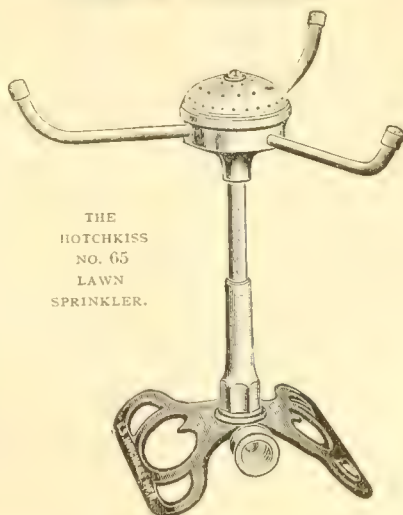
The Rainbow under high pressure will cover an area of 35 to 40 ft. diameter. Price, 25c. or by mail, 30c.



RAINBOW  
LAWN SPRINKLER



PERFECTION LAWN SPRINKLER



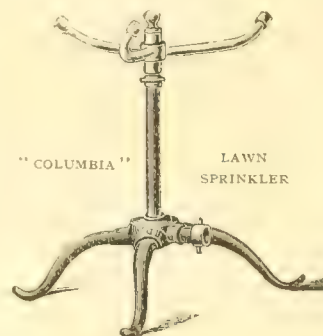
THE  
HOTCHKISS  
NO. 65  
LAWN  
SPRINKLER.

## The Perfection Lawn Sprinkler.

One of the best Lawn Sprinklers made. Will last a life time with proper care. Made of Brass with no working parts to clog up, get out of order or wear. The sled runners enable it to be moved from place to place on the lawn without shutting off the water. Will spray a radius of 30 ft., with ordinary pressure. Price, \$1.25.

## "Columbia" Three-Arm Lawn Sprinkler.

This fills the want for a low-priced arm Sprinkler; it is compactly and strongly made with phosphor-bronze bearing, and will cover a space 48 feet in diameter with suitable pressure of water. The top and arms are brass, nickel plated stand and legs of iron handsomely japanned. The water flows freely through an unobstructed channel, so there is no clogging — it stands 12 inches high. (See cut.) Price, \$1.25.



"COLUMBIA"  
LAWN  
SPRINKLER

## Henderson's "Siamese" Lawn Sprinkler Attachment.

By using these, several sprinklers can be used at one time.



"SIAMESE"  
ATTACHMENT

and thoroughly than can possibly be done with a hose nozzle. We found the "Water Witch" Lawn Sprinkler (with spur to stick in the ground), offered above, the best sprinkler for the purpose. One of these sprinklers and the "Siamese" was applied at the end of every twenty-five foot length hose. Price, "Siamese" Attachment for  $\frac{3}{4}$  inch hose, 60c., by mail, 70c.; for 1 inch hose, 75c., by mail, 85c.

Providing the pressure and volume of water are sufficient. A three-quarter inch hose and thirty to forty pounds pressure will operate three sprinklers; a forty to fifty pound pressure, four sprinklers; with one inch hose and a good pressure, six sprinklers can be operated satisfactorily. This method of watering is valuable for thoroughly saturating large areas of lawn or garden, distributing the water more evenly





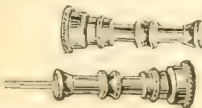


BRASS HOSE NOZZLE.



With stop-cock, spray rose and stream. Prices, for  $\frac{1}{2}$  and  $\frac{3}{4}$ -inch hose, \$1.00, for 1 in., \$1.25; postage, 10c. extra.

THE "GRADUATING" SPRAY NOZZLE.



Will throw a coarse or a fine spray or a solid stream. Price,  $\frac{1}{2}$  inch, 50c.; 1 inch, 70c.; postage extra, 5c.

FLORISTS' AND GARDENERS' HOSE SPRINKLER.

A wide face nozzle. The holes are small and numerous so that a copious yet gentle shower is given without washing or packing the soil.



Price, for  $\frac{1}{2}$  inch hose, 3 inch face, 85c.;  $\frac{3}{4}$  inch face, \$1.10; postage, 10c. each extra.

CALDWELL'S HOSE STRAP.



The best device for attaching hose couplings. Hose straps for  $\frac{1}{2}$  inch hose, 15c. doz.;  $\frac{3}{4}$  inch hose, 15c. doz.; 1 inch hose, 20c. doz.; Pliers, 20c. by mail, 35c. pair.

HUDSON'S HOSE MENDER.

Practical, simple, perfect. Box of 6 tubes, 20 bands and pliers, 75c.; or by mail, \$1.00. (Give size of hose) Tubes,  $\frac{1}{2}$  inch, 3c.; 1 inch, 4c. each; Bands, 20c. per doz.; Pliers, 30c.; by mail, 35c.



BULL DOG HOSE CLAMP.



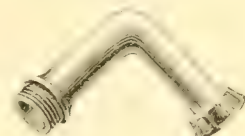
The best device for attaching hose couplings, hose straps for  $\frac{1}{2}$  inch hose, 50c. doz.;  $\frac{3}{4}$  inch hose, 60c. doz.; 1 inch hose, 80c. doz.

LIGHTNING HOSE COUPLER.



Instantly attached or disconnected; no twisting of the hose, no bruising fingers, watertight. (State if wanted to replace old couplings or to be attached to them.) Price, post-paid, per set two pieces,  $\frac{1}{2}$  inch, 40c.; \$4.00 per doz.; postage extra, 7c. per set.

HYDRANT SWIVEL.



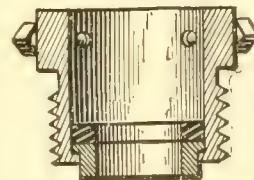
Turns in any position, prevents hose from kinking. For  $\frac{1}{2}$  inch hose, 90c.; by mail, \$1.00.

HOSE REDUCER.



For connecting hose of 1 inch bore with  $\frac{1}{2}$  inch (mailed free), 35c.

PLAIN FAUCET HOSE COUPLING.



This is easily attached by tightening three screws to any  $\frac{1}{2}$ ,  $\frac{3}{4}$  or 1 inch plain faucet. Price, 50c. or postpaid 55c.



GARDENER'S GLOVES.

For protecting the hands, handling thorny plants, etc. Heavy goat, per pair, \$1.00

RUBBER GARDENING GLOVES.

With gauntlets. Men's sizes, \$1.75; Ladies' size, \$1.50

THE SHOWER TREE SPRAYER.

Unsurpassed for all purposes in connection with spraying trees, shrubs or fruits. Never clogs, gives the finest and most penetrating spray with the least waste of material. Price, \$1.25



GARDENERS' RUBBER APRONS.

Made of heavy drill, double rubber coated, black waterproof; size 3 feet 9 inches in length by 2 feet 9 inches in width; weigh 2 pounds each. Indispensable for protecting the clothes during potting and gardening operations. Price, \$1.75 each, or mailed, \$2.10.

LEGGIN-RUBBERS.

Heavy rubbers with leggin tops of heavy duck, double rubber coated, black only. Intended to pull on over the shoes. Very useful for protecting the feet and legs when working among damp foliage and other garden and farm operations. The men's long leggin rubbers are 33 inches from heel to top with adjustable supporting straps through which a waist belt may be run. The men's short Leggin-Rubbers are 18 inches from heel to top which is drawn together with a rubber strap for support. In ordering give size of shoes worn.

PRICES:

Men's Leggin-Rubbers; Long.....	\$4.50;	Short.....	\$3.50
Youth's " " " " " " " " " " " "	3.50;		2.50
Women's Short Leggin-Rubbers			1.00
Children's " " " " " " " " " " " "			2.25



WATERING POTS.

Regular Style, galvanized iron, 6-quart, 75c.; 8-quart, 85c.; 10-quart, \$1.00; 12-quart, \$1.15; 16-quart, \$1.35

French or Oval-Shaped Watering Pots.

Easily carried in narrow places. 6-quart, \$2.25; 8-quart, \$2.50; 10-quart, \$2.75; 12-quart, \$3.00.

"Common Sense" Watering Pots.

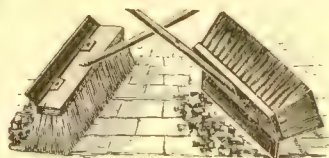
2-quart, \$1.25; 4-quart, \$1.50; 6-quart, \$1.75.

Wotherspoon's Galvanized Watering Pots.

With brass fittings and two brass roses one fine and one coarse, with each pot, 6-quart, \$2.00; 8-quart, \$2.15; 10-quart, \$2.35; 12-quart, \$2.75; 16-quart, \$3.00

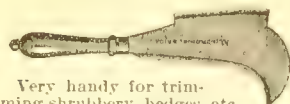




**BASS BROOM WITH SCRAPER HOE.**

For lawns and walks. It can be used to push, pull, sweep, chip or dig

12 inch, 4 rows of bristles.....	\$0.75
14 " 5 " " " " " " " " " " "	.90
16 " 5 " " " " " " " " " "	1.00

**ENGLISH BILL HOOK.**

Very handy for trimming shrubbery, hedges, etc., where a long-handled hook cannot be used. Price, \$1.60.

**HENDERSON'S SOD PERFORATOR.**

An invaluable tool to aid in renovating bad spots in lawns, grass plots, putting greens, etc. It is operated like a rammer, the lower surface being provided with spikes which puncture the sod, leaving small holes into which much of the seed or fertilizer drops when broadcasted, thus preventing its being blown or washed away. The holes are filled with soil by the first rain, which covers the seed so it can germinate. Price, \$3.00.

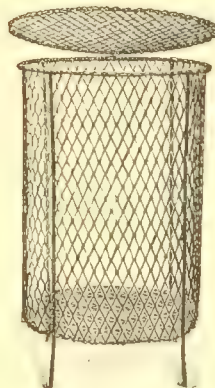
**BRUSH AXE.**

This is an excellent tool for trimming out underbrush, cutting down old hedges, etc. Price, handled, \$1.10.

**ENGLISH TURFING SPADE.**

For lifting sod evenly, rapidly, and without breaking. \$5.00.

Turf-Cutting  
Axe,  
\$2.25.

**Expanded Metal Rubbish Burner.**

A very convenient basket like arrangement durably made of expanded iron, 1/4 inch mesh—in which may be collected leaves, rubbish, paper, etc., the lid is then shut and the litter burned in the open air with no danger of burning particles being blown around.

Prices.—No. 1. 14 in. diameter, 16 in. high, inside measurements, \$2.50.

No. 2. 15 in. diameter, 20 in. high, inside measurements, \$2.75.

No. 3. 16 in. diameter, 24 in. high, inside measurements, \$3.00.

**DANDELION AND PLANTAIN SPUD**

A handy tool for cutting dandelions, plantain and other weeds out of the lawn. Also useful when out botanizing. Price, 40c., or by mail, 45c.

**"HALF MOON" GRASS AND TURF-EDGING KNIFE.**

For trimming the sod around borders of walks, etc. Price, with handle, 60c. each.

**Lightning Dandelion Exterminator.**

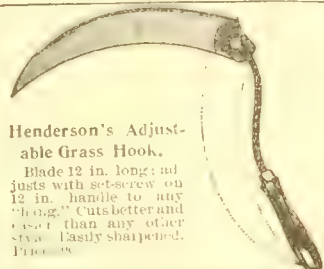
A polished brass tube 1 1/4 in. in diameter and three and one half feet long with channelled steel knife on end to cut the root. By means of valve and nozzle a few drops of gasoline, kerosene or other weed destroying solution is deposited on the cut root destroying it absolutely. Requires very little practice, any one can operate it. Does not disfigure the lawn. One treatment does the business.

To destroy weeds and grass growing in the cracks of brick and board walks, remove the knife, which is detachable for that purpose. Price, \$2.50.

**IMPORTED ENGLISH RIVETED-BACK GRASS HOOKS.**

Thin, sharp blades, strengthened by a riveted back, light and rapidly handled.

Small, 45c.  
Medium 50c.  
Large, 60c.

**Henderson's Adjustable Grass Hook.**

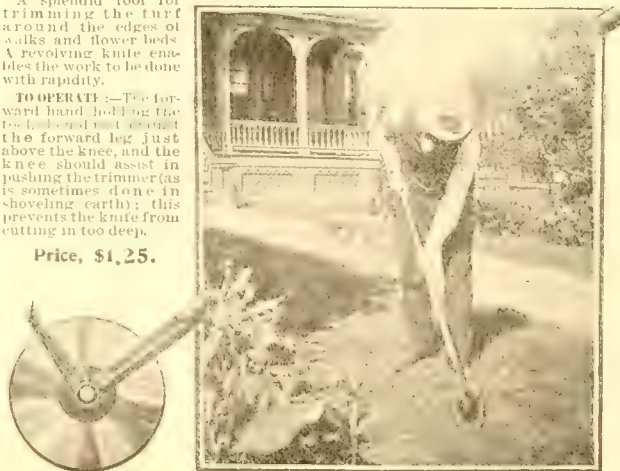
Blade 12 in. long; adjusts with a screw on 12 in. handle to any "cho-g." Cuts better and easier than any other style. Easily sharpened. Price, 75c.

**REVOLVING SOD TRIMMER OR BORDER CUTTER.**

A splendid tool for trimming the turf around the edges of walks and flower beds. A revolving knife enables the work to be done with rapidity.

TO OPERATE:—The forward hand holding the tool, and the other hand holding the forward leg just above the knee, and the knee should assist in pushing the trimmer (as is sometimes done in shoveling earth); this prevents the knife from cutting too deep.

Price, \$1.25.

**KNUCKLE SAVER GRASS HOOK.**

The handle is raised from the blade, making it possible to cut close without bruising or skinning the knuckles.

Price, 50c.

**IMPORTED ENGLISH RIVETED-BACK LAWN SCYTHE.**

Light and thin broad blades, strengthened by a riveted back. 32 inches, \$1.50. 34 inches, \$1.60. 36 inches, \$1.75. 38 inches, \$1.85.

SCYTHE SNATHS OR HANDLES. With patent fastening. Price, \$1.00 ea.







### GRASS EDGING OR BORDER SHEARS.

For trimming overhanging grass around edges of walks, etc. Price, 9-inch blades, \$2.50; or with wheel, \$3.00.



### "Trowel Shank" Grass Shears.

Solid steel, of finest quality and temper; 7-inch blades. The raised, trowel-like handles keep the knuckles off the ground and allow smoother cutting, 90c.

### HEDGE SHEARS.



Used for both trimming hedges and cutting grass; English manufacture.

8-inch blades, \$1.25; with notch... \$1.50

9 " " 1.50; " " 1.75

10 " " 1.75; " " 2.00

The notch is at the heel of the blades and is for cutting small branches.



### AUTOMATIC SELF-CLEANING LAWN RAKE.

A backward motion of the operator will clean all the teeth at once, thus avoiding cleaning the teeth with the fingers. Made of best hickory. 26-teeth, \$1.00 each, 38-teeth, \$1.25 each; 52-teeth, \$2.25 each.



### LAWN SHEARS.

For cutting grass under shrubs, fences, etc. Price, with two wheels, 9-inch blades, \$3.00.

### The Perfection Mole Trap.

The best and most complete Mole Trap, easy to set and cannot "startle" or injure the operator.

It will catch moles when quite deep in the ground, and there being no pin or other obstruction projecting into the run, there is nothing to frighten or disturb the mole as it passes, and in doing so raises the ground over the "run" just enough to spring the trigger, when must firmly rest on the soil over the "run." The points of the pins being constantly in the ground, it cannot catch or injure chickens or other domestic animals. Being made of metal it cannot warp or get out of order. It can be set close to plants without injuring them, and it can also be set touching a wall fence, etc. 75c. ea.; \$7.50 per doz.

### LAWN WEEDERS.



HENDERSON'S LIFTING WEEDEE.

### HENDERSON'S LIFTING WEEDEE.

A chisel blade cuts off the weeds; the trigger holds them so they can be pulled out. 60c. each.

### Chisel Blade Weed Cutter.

Long handled with foot rest so it can be pressed, cutting off roots or weeds without marring. Price, 60c. ea.

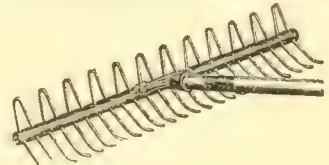
### Reversible Weed Gouge.

A very useful tool for cutting weeds out of lawns. Reversible blade has two styles of cutting edges; handle 42 inches long. Price, 30c. each.



REVERSIBLE WEEDEE. GOUGE.

### Reversible Steel Lawn Rake.



Heavily tinned steel teeth. The arched teeth for leaves and litter, and the opposite side for fine cut grass. Twenty-four teeth closely set in a 21-inch head. Price, 50c. each.

### Wooden Lawn Rake.



Best selected three bow, 24 teeth varnished head. 40c. each, \$4.00 per dozen.

### SOD LIFTER.



A handy tool for cutting under and lifting sod; solid steel blade; 18-inch shank; D-handle. Price, \$1.25.

### GLOBE LAWN LAMP.

For Either Post or Bracket.

Improved tubular, can be filled, lighted, regulated and extinguished without removing globe with the new globe lifter. Number 3 burner, 11-inch neck. Cast no. 1000. Fits either bracket or post. One size only. price, \$5.25.

### IRON BRACKET FOR LAWN LAMP.

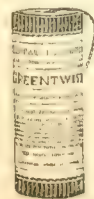


Short or long—  
Japanese,  
black.  
\$1.00 each.



GLOBE LAWN LAMP.

### GREEN TIE TWIST IN TUBES.



About 200 yards of this specially prepared strong, soft pliable twist—dyed a permanent green—comes in a water-proof tube which can be carried in the pocket, giving out the twist as needed without tangle or waste. Suitable for tying all plants and flowers. Price, 25c. per tube; \$2.50 per doz.

### RAPHIA FOR TYING.

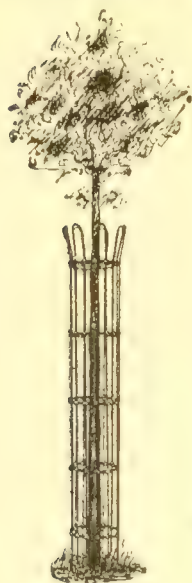
Price (in braided plaits, about one pound each), 15c. per lb., 10 lb. lots and over at 14c. lb.; 100 lbs. and over, at 13c. lb.; bale lots on application.

### "MANY USE" OIL.

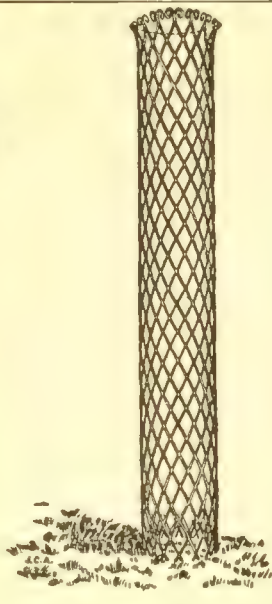
A splendid lubricator for lawn mowers, mowing machines, bicycles and the bearings and gears of all machinery; it never gums. It is also a splendid preventive of rust when applied to the steel surfaces of tools, gun barrels, steel spokes, etc. Price, 4-oz. can, 15c. each; \$1.50 per dozen cans. Postage, 5c. per can extra.







Anchor Tree Guards.



Expanded Metal.

### TREE GUARDS.

**Anchor Tree Guard**, constructed of No. 8 and No. 9 galvanized steel wire, the horizontal wires being locked to the uprights by the patent "Anchor" clamp. They cannot slip. Any one can put the "Anchor" Guard in place and it will last for years.

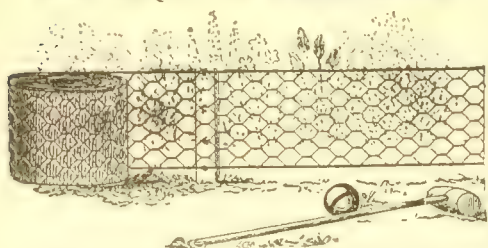
**Size A.** Diameter 8 inches; height 5 feet, 8 inches. \$1.25 each; \$14.00 per doz.

**Size B.** 10 inches diameter, 5 feet 8 inches high. \$1.75 each; \$18.00 per doz.

### EXPANDED METAL TREE GUARDS.

Made of two sheets of 2-inch Mesh, *Expanded Metal*, forming a cylinder 10 inches in diameter and 68 inches high. The two parts being bolted securely in place by malleable clamps. With this guard the best protection from vandals is given the tree, with good circulation of light and air. Price, \$2.25.

### WIRE CROQUET OR GARDEN BORDER.



Placed around croquet grounds prevents balls from going beyond limits; placed around flower beds excludes cats, chickens, etc. Galvanized.

Size	Per bale	150 running feet.	100	150	200	250
12 inches wide.		\$1.00	\$1.35			
18 "				1.50	2.00	
24 "					2.00	2.70

5 ft. long x 5/8 in. dia.

4 ft. x 9/16 in.

3 ft. x 1/2 in.

2 ft. x 3/8 in.

### STAKES, ROUND GREEN TAPERING.

	Each.	Per doz.	Per 100.
2 feet.....	4c.	40c.	\$2.25
3 ".....	6c.	65c.	4.50
4 ".....	9c.	90c.	6.50
5 ".....	12c.	\$1.25	9.00

### STAKES, SQUARE GREEN TAPERING.

	Each.	Per doz.	Per 100.
2 feet.....	5c.	50c.	\$2.00
3 ".....	7c.	75c.	4.00
4 ".....	10c.	90c.	5.50
5 ".....	12c.	1.25	7.00
6 ".....	15c.	1.50	8.50

### DAHLIA STAKES OR POLES. ROUND, FANCY TURNED TOPS.

	Each.	Per doz.	Per 100.
2 feet.....	7c.	75c.	\$4.00
3 ".....	9c.	90c.	6.00
4 ".....	12c.	\$1.25	9.50
5 ".....	15c.	1.50	11.00
6 ".....	18c.	1.75	12.50

## WOODEN PLANT STAKES.



Wire Vine Trainer.



Wire Fan Trainer.

### WIRE VINE TRAINERS.

Steel wire, with round iron frame and border. Green and bronze finish. Made any length required.

#### PRICE PER RUNNING FOOT.

6 inches wide....	26c.	24 inches wide....	55c.
12 " " " " " "	35c.	30 " " " " " "	65c.
18 " " " " " "	45c.	36 " " " " " "	75c.

### WIRE FAN TRAINERS.

Steel Wire. Green and bronze finish.

No. 9.	12 inches high....	\$0.25 each.	\$2.50 doz.
" 10.	15 " " " " " "	.30 "	3.00 "
" 11.	18 " " " " " "	.35 "	3.50 "
" 12.	21 " " " " " "	.40 "	4.00 "
" 13.	30 " " " " " "	.55 "	5.50 "
" 14.	36 " " " " " "	.70 "	7.00 "
" 15.	42 " " " " " "	.90 "	10.00 "
" 16.	48 " " " " " "	1.25 "	12.50 "

### ENAMELED IRON EVERLASTING SIGNS

NO TRESPASSING

and

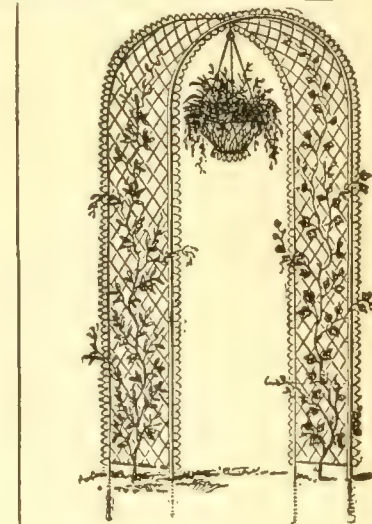
KEEP OFF THE GRASS

#### "Keep off the Grass"

Name plate of iron, enameled green with white letters; size 20 in. long by 4 in. wide iron rod 26 in. long. Will last for years. Price, \$1.50 each; \$15.00 per doz.

#### "No Trespassing."

Iron enameled blue, white letters. Sign 20x4 in. four screw holes for attaching to fence, trees etc. no rod. Price, \$1.25 each, \$12.50 doz.



### WIRE ARCHES FOR LAWNS & GARDENS.

Steel wire, with round iron frame and border. Green and bronze finish. Made any size required. In ordering, state height in center wanted from the ground up and width of passageway.

#### PRICE PER RUNNING FOOT.

6 inches wide....	26c.
12 " " " " " "	35c.
18 " " " " " "	45c.
24 " " " " " "	55c.
30 " " " " " "	65c.
36 " " " " " "	75c.

### Wire Hanging Baskets.

Green and bronze finish, strong and well made. Just the thing for decorating piazzas of summer hotels and suburban residences.

No. 4. 8 in. diam., 25c. each, \$2.50 doz.  
No. 5. 10 " " 30c. " 3.00 "

### WICKET LAWN GUARD.



A rigid, substantial and ornamental guard for bordering and protecting flowerbeds, walks, etc. The wickets, painted green, are 15 inches high and are made of two heavy steel wires twisted together, leaving a loop through which the next wicket is thrust and interlocks; they are easily placed in position by any person to conform to any desired outline, circular, straight, square, etc. the height is regulated to suit by the distance the wickets are placed in the ground. It requires 12 wickets to 8 running feet.

Price, 18c. each, \$2.00 per doz., \$16.00 per 100.

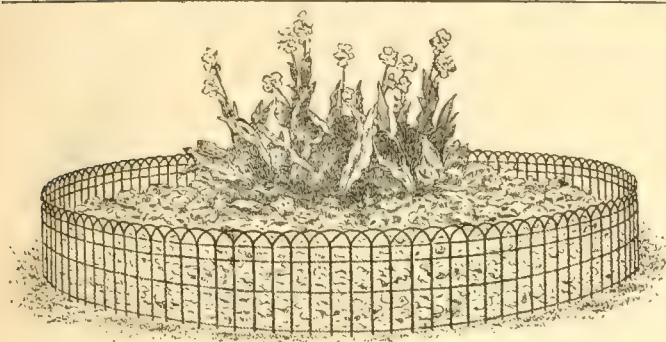
### STEEL PLANT STAKES.

Made of stiff steel wire, double galvanized and practically indestructible. Tips looped for safety; bottoms A shaped for roses and similar plants.

#### PRICES.

Length of Stake.	Per doz.	Per 100.	Per 1000.
1 1/2 ft. long.....	20c.	\$1.50	\$12.00
2 " " " " " "	25c.	1.75	16.00
3 " " " " " "	30c.	1.85	17.00
4 " " " " " "	35c.	2.00	18.00
5 " " " " " "	40c.	2.25	20.00
6 " " " " " "	45c.	2.50	23.00





## Perfection Flower Bed and Lawn Guard.

This guard is made of heavy galvanized wire, having the pickets extended about four inches below the lower cable for holding the same in the ground, and is made to stand 12 or 18 inches in height when set in place. Full rolls contain 250 feet, but cut lengths will be supplied when desired.

Price per lineal foot: 12 inches in height..... 10c  
18 inches in height..... 11c



SUN DIAL PEDESTAL No. 225.

## Sun Dials and Pedestal.

The figures, etc., are of raised metal; diameter of plate 10 in.

Cast Iron Japanned black with gilt figures, \$1.50.

Bronze, polished figures, etc., \$7.50.  
(Prices do not include pedestals).



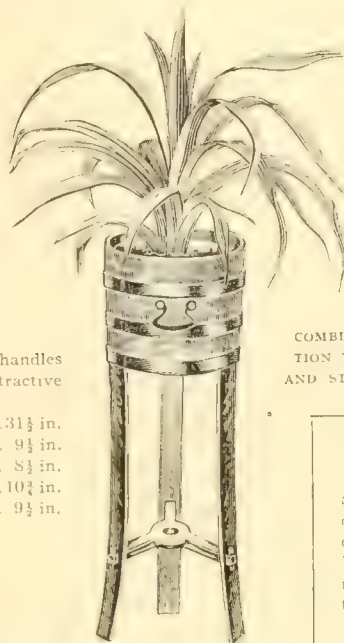
Sun Dial Pedestal No. 225.  
Hard wood, painted white (3 coats). Price, without dial, \$12.00.

## Combination Plant Tub and Stand.

They are made from quartered white oak, weathered finish, filled and polished.

Has brass hoops and brass handles which makes them very attractive looking.

Height over all ..... 31½ in.  
Depth of tub outside..... 9½ in.  
Depth of the inside..... 8½ in.  
Top diameter outside..... 10½ in.  
Top diameter inside..... 9½ in.  
Weight, 10½ lbs. Price, \$7.00.



COMBINATION TUB AND STAND



## Iron Self Watering Flower Pots.

These are equipped with self-watering features and are made of heavy galvanized iron, finished in dark green enamel. They will not break, leak or wear out. The height is same as top diameter. Top Diameter, 6 in. 7 in. 8 in. 9 in. 10 in. Price..... 30c. 40c. 50c. 60c. 70c.



## Iron Self Watering Window Boxes.

These are made of sheet iron, galvanized and finished on the outside in green enamel. They are very durable, rust proof and positively will not leak.

The crowning merit of these boxes, however, is the self watering feature. This is accomplished by a false bottom below which the water is contained it being poured in through a tube in the corner that projects from the rim to the bottom. The false bottom has holes in it in which are inserted small sponges these absorb the water and it is drawn up by the soil keeping it evenly moist for a week or more before the water requires replenishing, thus the plants do not dry out from neglect and thrive and bloom with unusual luxuriance.

No.	Length	Height	Width	Water Capacity	Price
1	23 in.	8 in.	9½ in.	2½ qts	\$1.75
4	29 "	8 "	9½ "	4 "	2.25
7	35 "	8 "	9½ "	5½ "	2.75
10	41 "	8 "	9½ "	7 "	3.25



## Copper Self Watering Window Boxes.

Handsomely designed boxes of finished Copper. They possess the same self watering features as the iron boxes described above, richly effective.

No.	Length	Width	Height	Price
400	15	8½	5½	\$5.00 or with Feet, \$6.00
401	18	8½	5½	5.50 " " 6.50
402	21	8½	5½	6.00 " " 7.00

## Iron Self Watering Porch Boxes.

These boxes are made of a heavier grade of iron than the iron window boxes described above, are finished in the same green enamel, and are wider and deeper. Brass eyelets are ranged along the top edges so they may be hung from cornice of porch, if desired.

Many have refrained from installing the old leaky wooden boxes on the porch rail on account of the dripping muddy water. Self-Watering porch boxes eliminate this annoyance, besides insuring thrifty flowers and vines even during hot weather with attention only once a week.

No.	Length	Height	Width	Water Capacity	Price
21	37 in.	9 in.	12	7 qts	\$1.25
22	41 "	9 "	12	8 "	1.50
23	45 "	9 "	12	9 "	1.75
24	49 "	9 "	12	10 "	1.75
25	53 "	9 "	12	11 "	1.75

## Iron Self Watering Hanging Baskets

The ordinary hanging baskets are usually an abomination when it comes to watering them on account of the drip, in consequence they are often allowed to "dry out" to the detriment of the plants. The Iron Self Watering Hanging Baskets "never leak a drop" and do not need water oftener than once a week, and plants thrive in them.

No.	Height	Width	Length	Water Capacity	Price
8	6 in.	8 in.	square	1 qt.	\$1.25
10	7 "	10 "	square	1½ "	1.50
12	8 "	12 "	square	2½ "	1.75

Our prices do not include chain. We will supply a strong coppered steel chain for this purpose at 2½ cents per foot, with suitable hooks. In ordering chain, measure the distance from point of suspension to where you want the top of basket and order four times that amount.



IRON SELF WATERING HANGING BASKET





## Henderson's Giant Lawn Umbrella.

Eight feet across. Alternate stripes of bright colors. Very showy on a green lawn.

These giant framed umbrellas are the strongest and most durable umbrellas in the world. They are not only very useful but very attractive on a lawn; they spread 8 feet. The centre pole is thrust into a large hollow iron screw, which is easily turned into the ground; the screw can remain, if desired, and the umbrella can be closed and removed in a moment. It can be quickly set up in any soil with ease. The umbrella has 16 strong steel ribs covered with heavy cloth, in alternate bright colors, usually red, yellow, blue and buff; the edge is finished with an 8-inch curtain. Price complete, with ground fastenings, \$7.50.



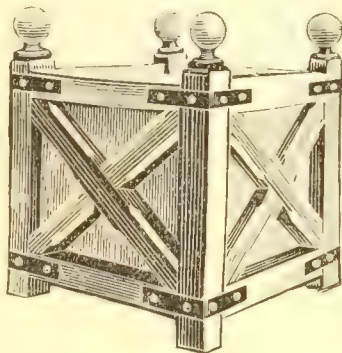
GIANT LAWN UMBRELLA.

## The Comfortable Settee.

This is the most comfortable seat imaginable; made of narrow strips of selected hard wood, varnished; heavy cast-iron legs.

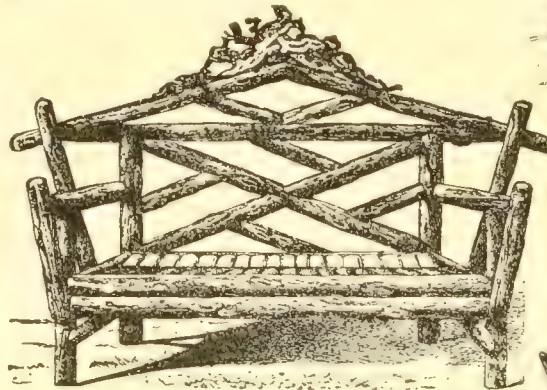
No. 1, 5 ft. long, \$9.00; with awning, \$19.00  
 " 2, 6 " 10.00; " " 21.00  
 " 4, 7 " 12.00; " " 24.00

## MISSION PLANT TUBS.



### SIZES.

No.	Outside	Height	Price
12x12	14	19	\$2.50
14x14	18x18	19	3.25
16x16	20x20	21	4.00
18x18	22x22	24	5.50
20x20	24x24	26	7.00



CEDAR SETTEE.

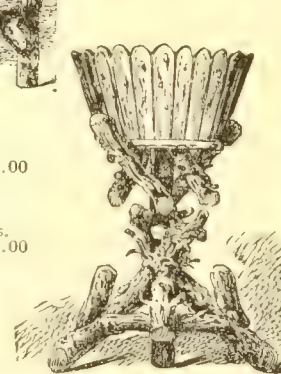
## RUSTIC WORK.

Cedar Chairs... \$5.00 Cedar Rockers... \$6.00  
 Cedar Settees.—4 ft., \$8.00; 5 ft., \$9.00; 6 ft., \$10.00  
 Cedar Vase.—16 in. diam., 3½ ft. high, \$4.50.  
 Cedar Stump Tubs.—Similar to the bowl of the vases.  
 16 in. diam. \$2.75 24 in. diam. \$5.00

## Rustic Hanging Basket.

Wooden bowls, trimmed with laurel roots.

	Ea.	Doz.	Ea.	Doz.
8-in. bowl,	\$0.70	\$7.50	12-in. bowl,	\$1.35 14.00
9- " "	.85	9.50	13- " "	1.50 16.00
10- " "	1.00	11.00	15- " "	1.75 19.00
11- " "	1.15	12.50		



CEDAR VASE

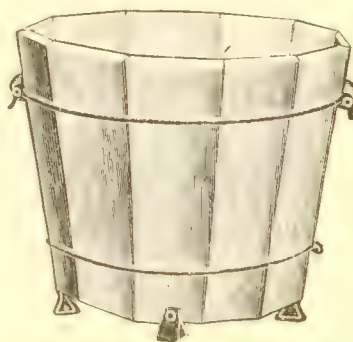


RUSTIC HANGING BASKET.

## "Columbia" Flower Tubs.

Durable cypress staves, held by strong steel wire hoops, that can be tightened by draw screws connected with the handles. Natural wood finish.

No.	Diameter.	Height.	Plain, each.
A. 12 inches.	11 inches.		\$1.25
B. 15 " "	14 " "		1.75
C. 18 " "	16 " "		2.25
D. 21 " "	18 " "		2.75
E. 24 " "	20 " "		3.25

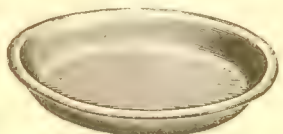


## Cedar Tree Tubs.

Heavy iron hoops. Drop handles, serving as hooks for carrying poles. Iron legs. Removable perforated bottoms. Painted green outside and brown inside. Painted red, if desired, at an extra cost of 10 per cent.

No.	Outside Diam.	Length of Stave.	Price.
0.	27 inches.	24 inches.	\$6.50
1.	25 " "	22 " "	5.50
2.	23 " "	20 " "	5.00
3.	21 " "	18 " "	4.50
4.	18 " "	16 " "	4.00
5.	16 " "	14 " "	3.25
6.	14 " "	12 " "	2.75
7.	13 " "	11 " "	2.50
8.	12 " "	10 " "	2.25

## Indurated Fibre Waterproof Saucers.



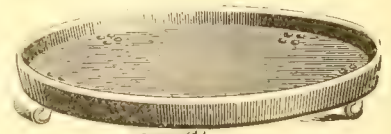
Are not porous and therefore do not absorb moisture and spoil wood-work, tables, etc., on which plants stand. Not breakable. Color, terra cotta brown.

	Each.	Each.
4 inch.....	9c.	10 inch.....13c.
5 ".....	10c.	11 ".....14c.
6 ".....	11c.	12 ".....15c.
7 ".....	12c.	13 ".....16c.
8 ".....	13c.	14 ".....17c.
9 ".....	14c.	15 ".....18c.
10 ".....	15c.	16 ".....19c.
11 ".....	16c.	17 ".....20c.
12 ".....	17c.	18 ".....21c.

## Rolling Stands for Heavy Plants.

A very useful, unbreakable fibre arrangement for holding, turning or moving heavy plants, and preventing injury to carpets from drip or dampness.

	Price.
14 inch diam., on 3 casters....	\$0.90
18 " " " " " " " " " " " "	1.00
20 " " " " " " " " " " " "	1.25
22 " " " " " " " " " " " "	1.50



ROLLING STAND.



ESTABLISHED 65 YEARS.

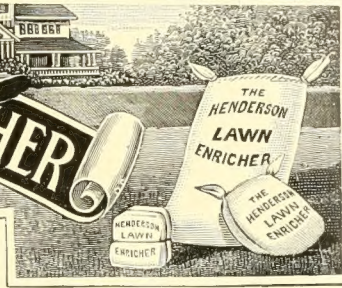
LAWN ESSENTIALS



# "HENDERSON" LAWN ENRICHER

## QUICK-ACTING—ODORLESS.

For New and Old Lawns, Tennis Courts, Putting Greens, Etc.



### QUANTITY REQUIRED.

For forming a new lawn a 10-pound package is sufficient to go over an area of 300 square feet, or 1000 to 1500 pounds per acre, or a smaller quantity for renovating an old lawn. Apply broadcast with machine or by hand as evenly as possible on a quiet day and preferably just before rain.

Can Be Applied Spring, Summer or Fall.

NEVER FAILS TO INDUCE A LUXURIANT RICH GREEN GROWTH IN A FEW WEEKS TIME.

The constant mowing of grass, and removal of clippings also removes a proportion of digested plant food. Therefore if the luxuriance of a lawn is to be maintained, it must be top dressed, at least once a year, with suitable fertilizer. The Henderson Lawn Enricher is a clean and odorless lawn dressing which never fails in inducing a rapid and rich green growth. It should be sown broadcast in the spring or fall, though it can be put on during the summer without injury or danger of burning the grass, and a remarkable improvement will soon be observed. The use of "Henderson Lawn Enricher" entirely does away with the old practice of top-dressing lawns with stable manure, so objectionable on account of unsightliness, disagreeable odors, and is so often full of weed seeds.

PRICES—by Express of Freight—purchaser paying transit charges:

5-pound package.....	\$2.50
10- " " .....	.45
25- " bag.....	1.00
50- " " .....	1.75
100- " " .....	3.00
200- " " .....	5.00
Per ton of 2000 pounds.....	45.00

## Tree Tanglefoot.

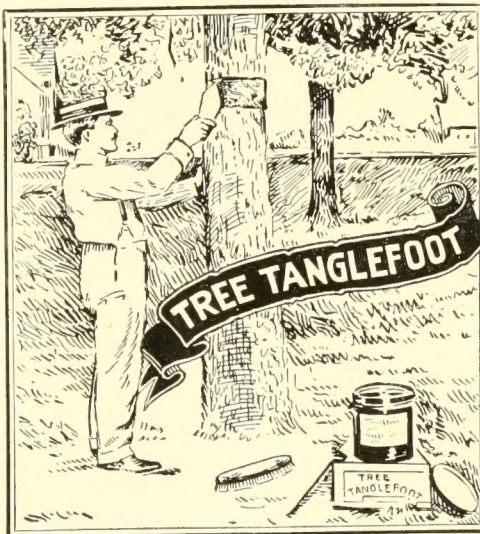
NO CRAWLING INSECT CAN PASS A BAND OF TREE TANGLEFOOT.

Tree Tanglefoot—made by the "Tanglefoot Sticky Fly Paper" Manufacturers—is the most successful and economical method of keeping caterpillars, canker worms, cut worms, ants and other climbing insect pests out of trees. Apply like soft putty with a paddle—before their worms begin to crawl—it will protect the tree if isolated—from further ravages of these pests, providing the bands are inspected occasionally to see that the surface has not become coated with dust or the continuity broken by some foreign substance. Further than this it is only necessary to renew the bands each year to protect the tree perpetually.

Tree Tanglefoot remains sticky in the tree for fully 3 months—during any weather from freezing to 110° Fahrenheit—does not dry up nor drop off—nor is it effected by rain storms. It should be applied very early in the spring—before the caterpillars commence to crawl—and again in the fall if troubled with the Fall Canker worm.

Quantity Needed.—One pound will be sufficient for six-foot band 4 inches wide 1-16 inch thick.

Price.—1 lb. can 30c.; 3 lb. can, 85c. (If by mail postage on above will be 16c. per lb. extra.) The following cannot be mailed; 10 lb. can \$2.65; 20 lb. can, \$4.80.



## "Climax" Lawn Sand.

A FERTILIZER AND WEED DESTROYER.

A non-poisonous, dried chemical, which if evenly distributed at about 4 ozs. per square yard kills weeds by adhering to their broad flat leaves but falling to the roots of the grass is absorbed by the soil and so fertilizes the fine grasses that a permanent growth quickly covers the portions previously occupied by weeds and moss.

Grass dressed with "Climax" Lawn Sand is thicker in growth, finer in texture and richer in color. It is marvelous how quickly the grass responds and how lasting the improvement. It is used and recommended by leading golf, tennis, bowling and cricket clubs, public parks and private gardeners.

Price, 7 lbs., 75c.; will dress about 25 square yards; 14 lbs., \$1.25; 28 lbs., \$2.00; 56 lbs., \$3.50; 1 cwt. \$6.00.

## BEECHCREOT.

A wood preserving tree paint prepared from beechwood creosote and other substances. It kills fungus and is shunned by borers and other insects. It prevents decay in the portions of trees injured by storm torn limbs and applied after pruning it prevents bleeding. One gallon applied with a brush covers about 300 square feet. Price, 40c. per quart, \$1.25 per gal.



Destroys Weeds, Moss, Grass, etc., in Garden Walks and Carriage Drives.

It completely destroys all weeds, wherever applied, and by its effect on the ground prevents the growth of fresh ones for a year afterwards, thus saving an immense amount of labor in hoeing, etc. For brick walks it is a boon. Its application is easy, being in a liquid form and only requiring to be mixed with water and applied with a watering can or sprinkling cart. If the ground is very dry it should first be sprinkled with clear water, so the Weed Destroyer will not soak away too quickly. Where large weeds and docks are to be destroyed it is best to mow or chop off the tops first. Full directions for use with each package.

Quart Can,	makes	4 to	5 gallons, sufficient for	100 sq. ft. . .	.40
Gallon Can,	"	16 to	20 "	" " 400 "	1.15
5-Gallon Keg,	"	80 to	100 "	" " 2000 "	5.00
50-Gallon Barrels	"	800 to	1000 "	" " 20000 "	38.00

"Your 'Weed Destroyer' is a boon to us here with our numerous garden walks and carriage drives to be kept clean and free of weeds. It used to be hoe, hoe, hoe, from morning till night, all summer long, but the last two seasons by sprinkling the walks thoroughly in the spring with your 'Weed Destroyer' diluted with water, it has kept the weeds and moss away and the walks in apple pie order."

CHAS. McGRATH, Jr., Newton, Mass.



Quickly eliminates Fish, Angle or Earth Worms from Infested Lawns, Putting Greens, etc.

This preparation, a non-poisonous powder, is not injurious to animals, birds, nor vegetation; in fact it has a beneficial and stimulating effect on grass. It is wonderfully efficacious where properly used in inducing earth worms to immediately come to the surface and die, thus removing the cause of unsightly worm casts and bad spots in the lawn. For "Putting Greens" thus infested it is invaluable, enabling the surface to be kept level, smooth and true without the expense and trouble of daily brushing and rolling. The green keepers of many golf clubs, both in Great Britain and America, use it extensively and attest its worth.

Quantity Required.—Half a pound per square yard; full directions with every order. Price, 1 lb., 15c. (postage 15c. per pound extra); 5 lbs., 60c.; 10 lbs., \$1.00; 25-lb. bag, \$2.00; 50-lb. bag, \$3.50; 100-lb. bag, \$6.00; per ton, apply.

"Our experience with Carter's Worm Killer has been very successful. It not only kills the worms, but saves the expense of 'brushing' the greens. We recommend it very heartily."

F. H. HOYT, (Chairman Green Com.) Allston Golf Club, Allston, Mass.



LIBRARY OF CONGRESS



0 000 925 119 4

# HENDERSON'S EVERYTHING <sup>FOR THE</sup> LAWN AND GOLF COURSE



1912

*Peter Henderson & Co*  
35 & 37 CORTLANDT ST. NEW YORK







LIBRARY OF CONGRESS



00009251194

Hollinger Corp.  
pH 8.5